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RICKENBACKER AIR NATIONAL GUARD BASE COLUMBUS, OHIO

PRE-CLOSURE SAMPLING REPORT HAZARDOUS WASTE STORAGE AREA

VOLUME II

FINAL

MARCH 1992

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Oak Ridge, Tennessee 37831

MANAGED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.
For the U.S. DEPARTMENT OF ENERGY under contract DE-ACOS-840R21400

PRE-CLOSURE SAMPLING REPORT

FINAL

Volume II

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HAZARDOUS WASTE REMEDIAL ACTIONS PROGRAM
MARTIN MARIETTA ENERGY SYSTEMS, INC.
Oak Ridge, Tennessee

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For the:

U.S. Department of Energy Under Contract No. DE-AC05-840R21400

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ACRONYMS

AAS Atomic Absorption Spectrophotometer

AFRES Air Force Reserve
ANG Air National Guard
ANGB Air National Guard Base

ARAR Applicable or Relevant and Appropriate Requirements

ASTM American Society for Testing Materials

BAT Best Available Technology
BCT Best Conventional Technology
BTX Benzene, Toluene and Xylene

°C degrees Centigrade

CCC Calibration Check Compounds

CERCLA Comprehensive Environmental Response, Compensation, and Liability

Act

CLP Contract Laboratory Program
CRDL Contract Required Detection Limit

CRQL Contract Requirement Quantitation Limit

DD Decision Document

DNR Department of Natural Resources

DOD Department of Defense DOE Department of Energy DQO Data Quality Objectives

EC Electrical Conductivity
ES Engineering-Science, Inc.

eV Electron Volt

•F degrees Fahrenheit FS Feasibility Study

FFS Focused Feasibility Study

GC Gas Chromatograph

GC/MS Gas Chromatography/Mass Spectrometry

HAL Health Advisory Limit HSP Health and Safety Plan

HARM Hazard Assessment Rating Methodology

HAS Hazard Assessment Scores

HAZWRAP Hazardous Waste Remedial Action Program

HMTC Hazardous Materials Technical Center

HWSA Hazardous Waste Storage Area

ICP Inductively Coupled Plasma Emission Spectrometer

ID Inside Diameter

IRP Installation Restoration Program

LQAC Laboratory Quality Assurance Coordinator

APPENDIX E ANALYTICAL RESULTS

	Sample ID:	88	RB-HW-SU19	RB-HW-SU20	RB-HW-SU21	RB-HW-SU22
	Time: Date Sampled: Date Received: % Moisture:		0945 01/18/90 01/19/90 14	0950 01/18/90 01/19/90 19	1000 01/18/90 01/19/90 12	1010 01/18/90 01/19/90 17
	Lab IO:		1627.01	1627.02	1627.03	1627.04
	Matrix:		Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL ug/kg				
F.1	N-Nitroso-Dimethylamine	330	380 N	410 U	380 U	400 U
	Phenol	330	∩ 380 380 €	410 U	∩ 086 380 C	400 t
	bis(2-Chloroemyi)emer 2-Chlorophenol	3 8 8	⊃ ⊃ 88 88 88 88	410 U	O 088	94 96 0
	1,3-Dichloroberzene	330	380 U	410 U	380 U	400 U
	1,4-Dichlorobenzene	330	380 U	410 U	D 086	400 t
	Berzyl Acohol 1 2 – Dichloroberzena	8 8) 080 880 880 880 880 880 880 880 880 88	410 U	086 886 886	984 0 54
	2-Methylphenol	<u>8</u>	380 C	410 U	7 086 380 C	400 U
	bis(2-chloroisopropyl)Ether	330	380 U	410 U	380 U	400 U
	4-Methylphenol	330	380 U	410 U	∩ 086 1	400 €
	N-Nitroso-Di-n-Propylamine	8 8 8 8	380 C	410 U	380	400 C
	Nitrobertzene	330	⊃ 086 88	410 U	⊃ 88 87 87	2004 0 0 0 0
	Isophorone	330	380 n	410 U	088 380 U	400 U
	2-Nitrophenol	330	380 U	410 U	380 U	400 U
	2,4-Dimethylphenol	330	380 U	410 U	380 U	400 U
	bis(2-Chloroethoxy)methane	330	380 U	410 U	380 U	400 U
	2,4-Dichlorophenol	330	380 U	410 U	380 N	400 U
	Berzoic Acid	1600	1900 U	2000 U	1800 U	1900 U

	Sample ID:	RB-HW-SU19	9 RB-HW-SU20	RB-HW-SU21	RB-HW-SU22
	Time: Date Sampled: Date Received: % Moisture:	0945 01/18/90 01/19/90	5 0950 0 01/18/90 0 01/19/90 4 19	1000 01/18/90 01/19/90 12	1010 01/18/90 01/19/90 17
	Lab ID:	1627.01 A	1627	1627.03 A	1627.04 A
	Matrix:		Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL ug/kg			
E-2	1,24-Trichloroberzene	330	U 0 410 U	380 U	400 U
	Naphralene 4-Chloroeniine		.	1 086 3 086	46 5
	Hexachlorobutadiene		-	380 U	400 U
	4-Chloro-3-Methylphenol		-	7 08c	400 U
	2-Methylnaphthalene)	080 C	- 480
	Hexachiorocyclopentadiene 24 R Trichlorochanol		410 U	3 000 300 300 300 300 300 300 300 300 30	4 5 5 5
	2,4,5—Trichlorophenol	-	· •	1800 U	1900 U
	2-Chloronaphthalene		၁	380 C	400 to U
	2-Nitroaniline	•)	1800 U	1900 U
	Dimethylphthalate	330	410 0	0.000	984
	Acenaphunyiene 2 e - Dicitrotol iene		> =	7 086 86	1004 U 004
	A-Nitroaniina	•) –	1800 U	1900 U
	Acenachthene	330 380	· 그	380 U	400 U
	2.4-Dinitrophenol	•	D	1800 U	1900 U
	Diberzofuran		D	380 U	400 U
	4-Nitrophenol		כ	18CO U	1900 U
	2,4-Dinitrotoluane	330 380	5	380 U	400 U

	Sample ID:	RB	RB-HW-SU19	RB-HW-SU20	RB-HW-SU21	RB-HW-SU22
- 5 5 6	Time: Date Sampled: Date Received: % Moisture:		0945 01/18/90 01/19/90	0950 01/18/90 01/19/90 19	1000 01/18/90 01/19/90 12	1010 01/18/90 01/19/90 17
_	Lab ID:		1627.01	1627.02	1627.03	1627.04 A
_	Matrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter Semi-Volatiles	CADL ug/kg				
E-3	Fluorene	330	380 U	410 U	380 U	400 U
	Diethylphthalate	330	380 U	410 U	380 U	400 U
	4-Chlorophenyl-phenylether	8 8 6	380 0	410 U	380 0	006 0 000 0 000
	4.6-Dinitro-2-Methylphenol	<u>6</u>	1900 U	2000 U	1800 U	U 0001
_	N-Nitrosodiphenylamine	330	380 U	410 U	380 U	400 U
	4-Bromophenyl-phenylether	330	∩ 086 1	410 U	n 086	400 U
·	Hexachlorobenzene	330	380 C	410 U	0.086	000
	Pentachioropheno! Phenanthrene	08 08 08	0.000	2000 U 410 U	U 088	290 J
	Anthracene	330	130 J	410 U	380 U	400 U
	Di-n-Butyphthalate	330	380 U	410 U	380 €	400 C
	Fluorarithene	330	200	410 U	380 U	009
	Pyrene	330	1500	410 U	380 U	220
س	Butytberzytphthalate	330	⊃ 08c	410 U	380 U	400 C
-	Bergo(a)Anthracene	330	740	410 U	380 ∩	280 J
	3.3' - Dichlorobenzidine	099	770 U	810 U	750 U	008
	Chrysene	330	770	410 U		320 J
	bis(2-Ethylhexyl)Phthalate	330	380 ∪	410 U	380 UJ	400 UJ
	Di-n-octylphthalate	330	380 N	410 U	380 U	400 N

Sample ID:	RB-HW-SU19	RB-HW-SU20	RB-HW-SU21	RB-HW-SU22
Time: Date Sampled: Date Peceived: % Moisture:	0945 01/18/90 01/19/90	0950 01/18/90 01/19/90 19	1000 01/18/90 01/19/90 12	1010 01/18/90 01/19/90 17
	1627.01	1627.02	1627.03	1627.04
Matrix:	Solios	Soil	Soil	Soil
Parameter Semi-Volatiles	CRDL ug/kg			
Berzo(b)Fluoranthene	330 750	410 U	380 U	350 J
Bergo(K) Fluoranthene			380 U	400 C
Berzo(a) Pyrene			380 U	250 J
Indeno(1,2,3-cd)Pyrene			∩ 08c	180 J
Utoerz (a,h)Anthracene		-	∩ 08c	400 U
derzo(g,n,i)Perylene			380 U	160 J

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:	R 8−	RB-HW-SU23	RB-HW-SU24	RB-HW SU25-SS2	RB-HW-SU26
Time: Date Sampled: Date Received: % Moisture:		1020 01/18/90 01/19/90 18	1025 01/18/90 01/19/90	1440 01/24/90 01/25/90 15	0850 01/18/90 01/19/90 20
(C) (Q)		1627.05	1627.06	1627.07	1627.08
Matrix:		≼ <u>≡</u>	Soil	Soil	Soil
Parameter Semi-Volatiles	CRDL ug/kg				
N-Nitroso-Dimethylamine	330	400 U	330 U	300 N	410 U
Phenoi ble(2-Chlomethyllether	8 8 8	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	300 E	390 U	410 U
2-Chlorophenol	88 88	5 6 5 ⊃	7 06E	D 066	410 U
1,3-Dichlorobenzene	330	400 t	330 N	390 U	410 U
1,4-Dichloroberzene	330	2 2 3 3	D 086	360 360 360 360 360 360 360 360 360 360	U 014
berry Acond 1.2-Dichloroberzene	3 S	4 4 8 6 0 0	⊃ 066 366) 066 666	410 U
2-Methylphenol	330	400 U	390 U	390 U	
bis(2-chloroleopropyl)Ether	330	400 U	300 C	300 E	410 U
4-Methyphenol N-Mitropo-Di-n-Propylamine		8 8 5 5	7 088 380 C	7 066 666	0 014 U 014
Hexachloroethane	330	400 0	O 068	390 U	410 U
Nitrobergene	330	400 U	330 N	390 U	410 U
Isophorone	330	400 t	330 N	390 U	410 U
2-Nitrophenoi	88	400 U	330 €	390 U	410 U
2,4-Dimethytphenoi	330	400 U	330 N	330 N	410 U
bis(2Chioroethoxy)methane	330	400 U	390 U	390 U	410 U
2,4~Dichlorophenol	330	400 U	06c	390 U	410 U
Berzoic Acid	1600	2000 C	1900 U	1900 U	2000 U

Sample ID:	RB-H	RB-HW-SU23	RB-HW-SU24	RB-HW SU25-SS2	RB-HW-SU26
Time: Date Sampled: Date Received:		1020 01/18/90 01/19/90 18	1025 01/18/90 01/19/90 16	1440 01/24/90 01/25/90 15	0850 01/18/90 01/19/90 20
Lab ID:		1627.05 A	1627.06 A	1627.07 A	1627.08 A
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Semi-Volatiles	CRDL				
1,2,4-Trichlorobenzene	330	400 U	380 U	390 U	410 U
Naphthalene	930 830 830 830 830 830 830 830 830 830 8	1984 1084 1084 1084 1084 1084 1084 1084 10	380 C	390 U	410 U
4 - Chiorograffine Hexachlorograffiene	20 20 20 20 20 20 20 20 20 20 20 20 20 2	8 8 5 5 5	⊃ 068 3008	∩ 068 3000	410 U
4-Chlore-3-Methylphenol	8	004 □	390 U	390 U	410 U
2-Methymaphthalene	930	400 U	300 C	OSE	410 U
Hexachlorocyclopentadiene	8	8 0 € 0 =	380 C	300 0	410 U
2,4,6 i raniorophenol 2,4,5 Trichlorrophenol	08 00 00	2000 C	1900 U	1900 U	2000 C
2-Chloronaphthalene	88	400 U	390 U	390 U	410 U
2-Nitroaniline	1600	2000 U	1900 U	1900 U	2000 U
Dimethyphthalate	88	8 9 5 5	380 0	390 0	0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Acertaphtunytene	88	\$ 8 5 5 5 5	3000	D 068	410 U
3-Nitrosciere	1600	2000 U	1900 U	1900 U	2000 U
Acenachthene	330	400 ∪	390 U	390 U	410 U
2.4-Dinitrophenol	1600	2000 U	1900 U	1900 U	2000 U
Diberzofuran	330	400 U	390 U	330 U	410 U
4-Nitrochenol	1600	2000 U	1900 U	1900 U	2000 U
2,4-Dinitrotoluene	330	400 U	390 U	390 U	410 U

Sample ID:	RB-HW-SU23	RB-HW-SU24	RB-HW SU25-SS2	RB-HW-SU26
Time: Dete Sampled: Date Received:	1020 01/18/90 01/19/90 18	1025 01/18/90 01/19/90 16	1440 01/24/90 01/25/90 15	0850 01/18/90 01/19/90 20
Lab ID:	1627.05	1627.06	1627.07	1627.08
Matrix:	Soil	Soil	Soil	Soil
Parameter Semi-Votatiles	CRDL ug/kg			
Fluorene	330 400	U 390 U	390 U	410 U
Diethyphthalate	330 400	0 390 U	390 U	410 U
4-Chlorophenyl-phenylether		<u>.</u>	⊃ 3 360 7	410 U
4 - Nitroeniine 4 A - Dinitro - 2 - Methylphenol	1600	1900 1	0.000	0 0002
N-Nitrosodicherylamine			330 N	410 U
4-Bromophenyl-phenylether		_	∩ 06E	410 U
Hexachiorobenzene		5	300 n	
Pentachlorophenol		1900 U	1900 U	2000 U
Arthracene	330		7 06 88 89 89	410 U
Di-n-Butyphthalate			390 U	410 U
Fluoranthene			150 J	1100
Pyrene	330 570		150 J	1100
Butylberzylphthalate	330 400	J 068 U	330 N	410 U
Berzo(a)Anthracene	330 280	_	330 N	250
3,3' - Dichtorobenzidine	800	_	790 U	930 U
Chrysene	330 230		390 U	290
bis(2-Ethythexyl)Phthalate		3	390 N	
Di-n-octylphthalate	330 400	-	390 U	410 U

	Sample ID:	RB	RB-HW-SU23	RB-HW-SU24	RB-HW SU25-SS2	RB-HW-SU26
	Time: Date Sampled: Date Received: % Moisture:		1020 01/18/90 01/19/90 18	1025 01/18/90 01/19/90 16	1440 01/24/90 01/25/90 15	0850 01/18/90 01/19/90 20
	Lab ID:		1627.05 A	1627.06	1627.07	1627.08
	Matrix: Parameter Semi - Volatiles	Nominal CRDL	s <u>li</u> o	S JOS	S io	Soil
e a	Berzo(b) Fluoranthene Berzo(k) Fluoranthene	. 000 000 000 000 000 000 000 000 000 00	520 100	380 N	380 C	1000
	Berzo(a)Pyrene Indeno(1,2,3-cd)Pyrene	8 88 8 88	280 2004	7 068 3 068 3 068	300 6	510
	Olberz (a,h)Anthracene Berzo(g,h,i)Perylene	930 330 330	400 U 400 U	300 N 300 N	30 C	330 J

Footnotes:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

Sample ID:	RB-HW-SU27	/-SU27	RB-HW-SU28	RB-HW-SU29	RB-HW-SU30
Time: Date Sampled: Date Received: % Moisture:	00	0900 01/18/90 01/19/90 16	0900 01/18/90 01/19/90	1100 01/18/90 01/19/90	1100 01/18/90 01/19/90 16
Lab ID:	•	1627.09	1627.10	1627.11	1627.12
Matrix:		Soil	Soli	Sos	Soil
Parameter Semi-Volatiles	CRDL ug/kg				
N-Nitroso-Dimethylamine	330	330 N	420 U	380 U	390 U
Phenol	330	380 U	420 N	380 U	J 066
bis(2-Chloroethyl)ether	330	330 ח	420 U	D 086	J 066
2-Chlorophenol	8	OSC	420 C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	06e
1,3-Dichlorobenzene	0 8	OSC (420 C	380 n	06E
1,4-Dichloroberzene	8	380 n	420 C	000 000 000 000 000 000 000 000 000 00	D 066
Berzyl Acohol	8	⊃ = 86 &	28 4 0 1 28 4		0000
1,z-Lichioberzene 2-Methybberol	8		420 U	7 08 88 87	7 066 66
bis(2-chloroisopropyl)Ether	330	330 U	420 U	086 380 U	390 U
4-Methyphenol	330	390 ∪	420 C	380 U	390 U
N-Nitroso-Di-n-Propylamine	330	330 N	420 N	380 U	∩ 06E
Hexachloroethane	330	300 U	420 C	380 C	390 U
Nitrobergene	330	380 U	420 N	380 U	330 U
Isophorone	330	380 U	420 €	380 U	330 U
2-Nitrophenol	330	380 U	420 ∩	380 U	330 N
2,4-Dimethytphenol	330	390 U	420 €	380 U	300 N
bis(2-Chloroethoxy)methane	330	390 U	420 C	380 N	O66
2,4-Dichlorophenol	330	330 N	420 C	380 U	330 U
Berzolc Acid	1600	1900 U	2100 U	1900 U	1900 U

	Sample ID:	RB-1	RB-HW-SU27	RB-HW-SU28	RB-HW-SU29	RB-HW-SU30
	Time: Date Sampled: Date Received: % Moisture:		0900 01/18/90 01/19/90	0900 01/18/90 01/19/90 22	1100 01/18/90 01/19/90 14	1100 01/18/90 01/19/90
			1627.09	1627.10	1627.11	1627.12
	Martrix:	, acies	Soil	Soil	Sos	Sollio
	Parameter Semi-Volatiles	CRDL ug/kg				
F.10	1,2,4-Trichloroberzene	330	D 068	420 U	380 U	390 U
	Naprimalene 4-Chloroeniline	, , ,		24 120 100 100 100 100 100 100 100 100 100	D 088	O 066
	Hexachlorobutadiene	330 330 330	J 068	420 U	380 U	390 U
	4-Chloro-3-Methylphenol	330	⊃ 086 380	420 O	∩ 080 380 ∩	330 N
	2-Methytnaphthalene	8	⊃ : 080 080	420 U	⊃ 386 86	300 C
	Hexachiorocyclopentadiene 2.4.6—Trichlorophenol			0 624 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	2,4,5-Trichlorophenol	1600	1900 U	2100 U	1900 U	1900 U
	2-Chloronaphthalene	330	330 ∩	420 N	380 U	OSC 330 N
	2-Nitroaniine	0	1900 U 000	2100 U	1900 U	1900 1900 1900 1900
	Dimemprontale Accountify des			420 C	7 086 88	7 068 88
	2.6-Dinitrotoluene	330	300	420 U	380 U	390 U
	3-Nitroenikne	1600	1900 U	2100 U	1900 U	1900 U
	Acenaphthene	330	O66	420 U	380 U	330 N
	2,4-Dinitraphenol	1600	1900 U	2100 U	1900 U	1900 U
	Diberzofuran	830	390 ∪	420 N	∩ 08c	OSE
	4-Nitrophenol	1600	1900 U	2100 U	1900 U	1900 U
	2,4-Dinitrotoluene	330	330 N	420 N	380 U	390 U

	Sample ID:	RB-HW-SU27	SU27	RB-HW-SU28	RB-HW-SU29	RB-HW-SU30
	Time: Date Sampled: Date Received: % Moisture:	01/1	0900 01/18/90 01/19/90 16	0900 01/18/90 01/19/90	1100 01/18/90 01/19/90 14	1100 01/18/90 01/19/90
	Cab ID:	3 1	1627.09	1627.10	1627.11	1627.12 A
	Matrix:		Soil	Soil	Soil	Soil
	Parameter Semi-Volatiles	CRDL ug/kg				
E-1	Fluorene	330	390 U	420 U	380 ∪	330 U
1	Diethyththalate	330	390 ∪	420 C	380 N	330 U
	4-Chlorophenyl-phenylether	330	380 N	420 U	088 080	D 066
	4-Nitroaniline	1600	1900 U	2100 U	1900	D 0061
	4,6-Dinitro-2-Methyphenol	1600	1900 U	2100 U	1900 1900	1900 1
	N-Nitrosodiphenylamine	330	390 □	420 U	D 086	D 086
	4-Bromophenylphenylether	330	⊃ : 080	420 U	380	D 068
	Hexachlorobenzene	330	380 ∩	420 C	∩ 086 380	06E
	Pentachiorophenol	1600	1900 U	2100 U	1900 U	1900 U
	Phenanthrene	330	_ 08 88	420 U	⊃ : 086 8	068
	Anthracene	330	⊃ 380	420 ∪	380 380	068
	Di-n-Butyphthalate	88	300 300	420 C	∩ 086 380 ∩	06E
	Fluoranthene	330	⊃ 380 80	420 U	28 28	18F
	Pyrene	330	ე 380	420 C	780 J	210 J
	Butytbenzytphthalate	330	390 U	420 C	∩ 380 0	390 U
	Bergo(a) Anthracene	330	ე 068	420 C	140 J	130 J
	3.3 - Dichlorobenzidine	99	790 U	950 U	U 077	790 U
	Chrysene	330	380 ∩	420 C	160 J	140 J
	bis(2-Ethythexyl)Phthalate	330	390 U	420 C	380 N	330 N
	Di-n-octylphthalate	330	380 N	420 N	380 U	390 U

Sample ID:	RB	RB-HW-SU27	RB-HW-SU28	RB-HW-SU29	RB-HW-SU30
Time: Dete Sampled: Date Received: % Moisture:		0900 01/18/90 01/19/90 16	0900 01/18/90 01/19/90	1100 01/18/90 01/19/90 14	1100 01/18/90 01/19/90
Lab ID:		1627.09	1627.10	1627.11	1627.12
Matrix:		Sol	Sol	S IIOS	Soil
Parameter Semi – Volatiles	CRDL ug/kg				
Berzo(b) Fluoranthene	330	330 (420 U	160 J	220 J
Berz o(k)Fluoranthene Berzo(a)Pvrene	330	360 C	420 U	130	190 J
Indeno(1,2,3-cd)Pyrene	88)) (88 (87 (87)	420 C	380	
Diberz (a, h) Anthracene	330	390 U	420 U	380 n	330
Berzo(g,h,i)Perylene	330	380 N	420 N	380 U	220]

Footnotes:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

	Sample ID:	RB-HW-SU31	RB-HW-SU32	RB-HW SU33-SS2	RB-HW-SU34
	Time: Dete Sempled: Dete Received: % Moisture:	1145 01/18/90 01/19/90 22	0910 01/18/90 01/19/90 18	1450 01/24/90 01/25/90 22	0920 01/18/90 01/19/90
	Lab iÖ:	1627.13	1627.14 A	1627.15 A	1627.16 A
	Matrix:	Soil	Soil	Soli	Soil
	Parameter Semi – Volatiles	CRDL ug/kg			
E. 49	N-Nitroso-Dimethylamine	•	J 604	420 C	380 U
	Phenoi bis/2—Chloroethyllether	330	4004	45 C C	7 08 88 8
	2-Chlorophenol		J 400 U	420 N	∩ 086 380
	1,3-Dichlorobenzene		J 400 U	420 C	D 086
	1,4-Dichlorobenzene	330 420 1	1 400 C	420 C	7 086 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	benzyi Aconol 1.2-Dichlorobenzene		400	4 2 3 5 5	7 08c 0
	2-Methyphenol		J 400 U	420 N	∩ 086 86
	bis(2-chlorolsopropyl)Ether		7 400 C	420 C	⊃ : 086 8
	4-Methyphenol		400 0	48 0 5	
	N-Nitroso-Di-n-Propylamine Hexachiomethane	330 420 1	400 0	420 C	
	Nitroberzene		J 400 U	420 N	
	leophorone		J 400 U	420 U	
	2-Nitrophenol	330 420 L	J 400 U	420 C	
	2.4 - Dimethylphenol		J 400 H	420 C	
	bis(2-Chloroethoxy)methane	330 420 L	J 400 U	420 C	
	2.4 - Dichlorophenol	330 420 L	J 400 U	420 C	
	Berzoic Acid		J 2000 U	2100 U	1800 U

Sample ID:	RB-HW-SU31	31 RB-HW-SU32	-SU32	RB-HW SU33-SS2	RB-HW-SU34
Time: Date Sampled: Date Received: % Moisture:	1145 01/18/90 01/19/90		0910 01/18/90 01/19/90 18	1450 01/24/90 01/25/90 22	0920 01/18/90 01/19/90 13
Lab ID:	1627.13		1627.14 A	1627.15 A	1627.16 A
Matrix:			Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL ug/kg				
1,2,4-Trichlorobenzene		420 U	400 U	420 U	380 0
Naphthalene 4-Chomaniline	330	420 U 420 U	6 6 6 6 ⊃ ⊃	20 C4 0 0 C4 0 0 C	
Hexachlorobutaciene		420 U	400 U	420 U	380 U
4-Chloro-3-Methylphenol		420 U	400 U	420 C	380 U
2-Methytnaphthalene		420 U	- 40 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5	420 C	⊃ : 380 8
Heachlorocyclopentadiene 2 4 R Trichlorophenol		50 C 50 C 50 C	\$ 8 5 5 5 5	4 4 4 50 C	D 088
2,4,5—Trichlorophenol	CA	n 00	2000 U	2100 U	1800 U
2-Chloronaphthalene		420 U	400 C	420 C	D 08€
2-Nitroeniline	N	ə: 88	2000 C	2100 U	1800 U
Dimemyphithelate Acenschiftwisse		420 C	\$ 8 5 5 5 5	4 4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 08 88 88
2.6-Dinitrotoluene		420 U	400 U	420 U	380 U
3-Nitroeniline	1600 2100	n 00	2000 U	2100 U	1800 U
Acenaphthene		420 U	400 U	420 N	380 U
2,4-Dinitrophenol	1600 2100	⊃ 8	2000 U	2100 U	1800 U
Diberzofuran		420 U	400 U	420 N	_
4-Nitrophenol	CV.	2	2000 U	2100 U	1800 U
2,4-Dinitrotoluene		420 U	400 U	420 U	_

	Sample ID:		RB-HW-SU31	RB-HW-SU32	RB-HW SU33-SS2	RB-HW-SU34
	Time: Date Sampled: Date Received:		1145 01/18/90 01/19/90 22	0910 01/18/90 01/19/90 18	1450 01/24/90 01/25/90 22	0920 01/18/90 01/19/90
	Lab ID:		1627.13	1627.14	1627.15	1627.16
	Metrix:		Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL ug/kg				
F.18	Fluorene	88	420 U	400 U	420 U	380 C
	Defryprinaliste 4-Chlorophanyl-phenylether	8 8	84 84 50 50 50 50	400 t	428 U	7 086 380 8
	4-Nitroeniine	009	2100 U	2000 U	2100 U	1800 U
	4,6-Dinitro-2-Methylphenol	1600	2100 U	2000 U	2100 U	1800 U
	N-Nitrosodiphenylamine	330	420 N	400 U	420 U	D 086
	4-Bromophenyi-phenylether	8	420 ⊃ :	28 183	28 28 28 180 180 180 180 180 180 180 180 180 18	⊃ = 86 87
	Hexachiorobenzene Bentachiorophanol		25. C C C C C C C C C C C C C C C C C C C	0.004	2 00 to	380 U
	Phenanthrene	88	420 C	400 t	026	7 08E
	Anthracene	330	420 U	400 U	180 J	380 U
	Di-n-Butyphthalate	330	420 C	400 €	420 N	380 N
	Fluoranthene	330	420 U	7004	1900	380 N
	Pyrene	330	420 ∪	400 C	2300	380 N
	Butyfberzyphthalate	330	4 20 ∪	400 U	420 C	380 €
	Bergo(a) Anthracene	930 830	420 C	400 ℃	1400	380 N
	3,3' - Dichlorobenzidine	099	850 U	008 ∩	850 U	760 U
	Chrysene	330	420 C	400 U	1400	380 ∪
	bis(2-Ethythexyl)Phthalate	330	420 U	400 U	420 N	380 U
	Di-n-octylphthalate	330	420 U	400 U	420 N	380 U

Sample ID:	- RB	RB-HW-SU31	RB-HW-SU32	RB-HW SU33-SS2	RB-HW-SU34
Time: Date Sampled: Date Received: % Moisture:		1145 01/18/90 01/19/90 22	0910 01/18/90 01/19/90 18	1450 01/24/90 01/25/90 22	0920 01/18/90 01/19/90 13
Lab ID:		1627.13	1627.14	1627.15	1627.16
Matrix:	Acmino	S	Sos	Soil	Soil
Parameter Semi-Volatiles	CADL				
Berzo(b) Fluoranthene Berzo(k) Fluoranthene	330	420 U 420 U	400 U	1400 1200	380 C
Berzo(a)Pyrene Indeno(1,2,3cd)Pyrene	8 8	420 C 420 U	4 4 4 5 U	1300	380 U
Diberz(a,h)Anthracene Berzo(g,h,i)Perylene	330	420 C 420 C 420 C	2 6 4 2 0 0 0	240 J 580	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Footnotes:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

Sample ID:	RB-HW-SI	N35	RB-HW-SU36	RB-HW-SU37	RB-HW-SU38
Time: Date Sampled: Date Received: % Moisture:	1 01/18 01/19	110 //90 19	1115 01/18/90 01/19/90	1135 01/18/90 01/19/90 20	1145 01/18/90 01/19/90 20
Lab ID:	1627	7.17	1627.18 A	1627.19 A	1627.20 A
Matrix:		Soli	Soil	Soil	Soil
Parameter Semi – Volatiles	Nominal CRDL ug/kg				
N-Nitroso-Dimethylamine		410 U	380 U	U 014	410 U
Pheno! bis(2-Chlorcethyl)ether		410 C 410 C	0 086 0 086	4 4 0 U	410 U
2-Chlorophenol		410 U	380 U	410 U	410 U
1,3-Dichloroberzene		410 U	380 U	410 U	410 U
1,4-Dichlorobenzene		410 U	D 086	410 U	410 U
Berzyl Alcohol		410 C		U 014	410 U
2-Methylchenol		4 10 U	∩ 086 886	410 U	410 U
bis(2-chloroisopropyl)Ether		410 U	380 U	410 U	410 U
4-Methyphenol		410 U	380 U	410 U	410 U
N-Nitroso-Di-n-Propylamine		410 U	380 U	410 U	410 U
Hexachloroethane		410 C	D 088	410 U	410 U
Nitroberzene		410 U	∩ 08c	410 U	410 N
Isophorone		410 U	380 U	410 U	410 U
2-Nitrophenol		410 U	380 U	410 U	410 U
2.4-Dimethylphenol		410 U	380 U	410 U	410 U
bis(2-Chloroethoxy)methane		410 U	380 ∪	410 U	410 U
2.4-Dichlorophenol		410 U	∩ 08c	410 U	410 U
Berzoic Acid	CV	∩ 000	1800 U	2000 U	2000 U
	Sample ID: Date Sampled: Date Sampled: Date Received: * Moisture: Lab ID: Matrix: Parameter Semi – Volatiles N – Nitroso – Dimethylamine Phenol bis(2 – Chlorocthyl) ether 2 – Chlorophenol 1,3 – Dichloroberzene Berzyl Alcohol 1,2 – Dichloroberzene Berzyl Alcohol 2 – Methylphenol bis(2 – chlorosopropyl)Ether 4 – Methylphenol bis(2 – chlorosthane Nitroberzene Isophorone 2 – Nitrophenol 2,4 – Dichlorophenol bis(2 – Chloroethoxy)methane 2,4 – Dichlorophenol bis(2 – Chloroethoxy)methane 2,4 – Dichlorophenol Berzoic Acid	RB—H Nominal CRDL ug/kg 330 330 330 330 330 330 330 330 330 33	<u>e</u>	RB-HW-SU35 RB-H 1110 01/18/90 01/18/90 01/18/90 01/18/90 19 19 1627.17 A Soil Soil A Soil A	Nominal CRDL Sold Sold Sold Sold Sold Sold Sold Sold

Sample ID:	RB-HW-SU35	/-SU35	RB-HW-SU36	RB-HW-SU37	RB-HW-SU38
Time: Date Sampled: Date Received: % Moisture:	00	1110 01/18/90 01/19/90 19	1115 01/18/90 01/19/90 12	1135 01/18/90 01/19/90 20	1145 01/18/90 01/19/90 20
Lab ID:	•	1627.17	1627.18 A	1627.19 A	1627.20 A
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Semi-Volatiles	CRDL				
1,24-Trichloroberzene	330	410 U	380 U	410 U	410 U
Naphthalene	88	410 U	380 0	410 U	410 U
4-Chordaniline Hexachlorobutadiene	9 9 9 9	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 08 88 88	410 U	410 U
4-Chloro-3-Methylphenol	330	410 U	380 U	410 U	410 U
2-Methymaphthalene	330	410 U	380 U	410 U	410 U
Hexachlorocyclopentadiene	88	410 U	∩ 080 80 80 80 80 80 80 80 80 80 80 80 80	410 U	410 0
2,4,8—Trichlorophenol	8	910 U	2004 1004	2000	2000
2,4,5 Inchesopheriol 2-Chloropachthalene	98 88 88	410 U	380	410 U	410 U
2-Nitoaniline	1600	2000 U	1800 U	2000 U	2000 U
Dimethylphthalate	330	410 U	380 U	410 U	410 U
Acenaphthylene	330	410 U	380 U	410 U	410 U
2.6-Dinitrotoluene	330	410 U	380 U	410 U	410 U
3-Nitroaniine	1600	2000 U	1800 U	2000 U	2000 U
Acenachithene	330	410 U	380 N	410 U	170 J
2.4-Dinitrophenol	1600	2000 U	1800 U	2000 U	2000 C
Diberzofuran	330	410 U	∩ 08c	410 U	410 U
4-Nitrophenol	1600	2000 U	1800 U	2000 U	2000 N
2,4-Dinitrotoluene	330	410 U	380 U	410 U	410 U

Sample ID:	RB-HW-SU35	RB-HW-SU36	RB-HW-SU37	RB-HW-SU38
Time: Date Sampled: Date Received:	1110 01/18/90 01/19/90 19	1115 01/18/90 01/19/90	1135 01/18/90 01/19/90 20	1145 01/18/90 01/19/90 20
Lab ID:	1627.17	1627.18	1627.19	1627.20
Matrix:		Soil	Soil	Soil
Parameter Colatiles	CRDL ug/kg			
Fluorene		380 U	410 U	150 J
nthalate		380 U	410 U	410 U
I-phenylether		380 U	410 U	410 U
		1800 U	2000 U	2000 U
4,6-Dinitro-2-Methylphenol		1800 U	2000 U	2000 U
N-Nitrosodiphenylamine		380 U	410 U	410 U
henylether		∩ 380 1300 1300 1300 1300 1300 1300 1300 1	410 U	410 U
•		∩ 08c	410 U	410 U
lenoi		1800 U	2000 C	2000 U
2		D 086	410 U	5000 5000
		0.086	0.014	
U-n-butyphthaiate Fluorenthane	330 410 0		410 0	2300
		380	410 U	2100
rrzvichthalate		380 U	410 U	410 U
		380 U	410 U	810
ine in		750 U	930 U	008
Chrysene		380 U	410 U	860
lythexyl)Phthalate		088	410 U	410 U
		380 U	410 U	410 U

	Sample ID:	AB.	RB-HW-SU35	RB-HW-SU36	RB-HW-SU37	RB-HW-SU38
	Time: Date Sampled: Date Received:		1110 01/18/90 01/19/90 19	1115 01/18/90 01/19/90 12	1135 01/18/90 01/19/90 20	1145 01/18/90 01/19/90 20
	Lab ID:		1627.17 A	1627.18	1627.19	1627.20
	Matrix:		Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL Ug/kg				
F.20	Berzo(b) Fluoranthene	330	250 J	380 U	410 U	790
	Berzo(a) Pyrene		0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	380 C	410 U	590
	Indeno(1,2,3-cd)Pyrene	330	410 U	⊃ 68 88	410 U	₹
	Dibenz (a,h)Anthracene	330	410 U	380 U	410 U	410 U
	Berzo(g,h,i)Perylene	330	410 U	380 U	410 U	490

Footnotes:

J---the value reported is
an estimated concentration.
U---the compound was analyzed for, but not detected.

	Sample ID:	RB-HW-SU39	SU39	RB-HW-SU40	RB-HW-SU41	RB-HW-SU42
-	Time: Dete Sampled: Dete Received: % Moisture:	01/1	0920 01/18/90 01/19/90 21	0935 01/18/90 01/19/90 24	0935 01/18/90 01/19/90	0945 01/18/90 01/19/90 25
	Lab ID:	26	1627.21	1627.22	1627.23 A	1627.24 A
	Matrix:	Jacimon	Soil	Soli	Soil	Sol
	Parameter Semi-Volatiles	CRDL ug/kg				
E 0	N-Nitroso-Dimethylamine	330	420 U	430 U	420 U	440 U
•	Phenol	330	8 8 5 5 5	430 U	420 U	440 5 2 440
	os(z-c/iocodiny)eulei 2-Chlorophenol	8 8 8	84 50 50 50 50 50 50 50 50 50 50 50 50 50	430 €	420 U	440 U
	1,3-Dichloroberzene	330	420 U	430 U	420 U	440 U
	1,4-Dichloroberzene	330	420 C	430 C	420 C	440 U
	Berzyi Alcohol	99 93 93 93	8 5 ⊃ =	430 U	4 4 4 0 C	0 44 0 0 44 0 0 0
	1,2-Lidhioradarzene 2-Methybbanol	93 OS	§ \$ 5 ⊃ ⊃	85 130 € 130 €	4 4 4 U	440 🖰
	bis(2-chloroisopropyl)Ether	330	420 U	430 U	420 N	440 U
	4-Methylphenol	330	420 U	430 U	420 U	440 U
	N-Nitroso-Di-n-Propylamine	330 330 330	8 2 3 3 3 3 3 3 3	430 U	4 4 4 4 5 C C	0.44 0.044
	Hexacrioroemane		§ §	430	420 1	244
			8 8 5 5 5 5	430 U	420 C	440 U
	2-Nitrophenol	8 8	85 ⊃	430 U	420 U	440 U
	2.4-Dimethytohenol	330	420 C	430 U	420 N	440 U
	bia(2-Chloroethoxy)methane	330	420 C	430 U	420 U	440 U
· ·	2.4-Dichlorophenol	330	420 U	430 U	420 U	440 U
	Berzoic Acid		2000 U	2100 U	2100 U	2100 U

	Sample ID:	RB-H	RB-HW-SU39	RB-HW-SU40	RB-HW-SU41	RB-HW-SU42
	Time: Date Sampled: Date Received: % Moisture:		0920 01/18/90 01/19/90 21	0935 01/18/90 01/19/90 24	0835 01/18/90 01/19/90 22	0945 01/18/90 01/19/90 25
	Lab IO:		1627.21	1627.22	1627.23 A	1627.24 A
	Matrix:	Negimen	Soil	Soil	Soil	Sol
	Parameter Semi – Volatiles	CRDL ug/kg				
E-22	1,2,4—Trichloroberzene	330	420 U	430 U 430 U	420 U	440 U
	4-Chlorophine	3 8 8	\$ 8 5 0	430 U	420 U	440 U
	Hexachlorobutadiene	330	420 U	430 U	420 N	440 U
	4-Chloro-3-Methylphenol	330	420 U	430 U	420 €	440 U
	2-Methylnaphthalene	330	420 €	430 U	28 ∪ 84	440 U
	Hexachiorocyclopentadiene	00 CE	25 20 20 20 20 20 20 20 20 20 20 20 20 20	084 0 084 0 1 084	420 C	0.044 0.044 0.00
	2.4.5 - Trichlorophenol	96 96	2000 C	2100 U	2100 1	2100 U
	2-Chloronaphthalene	330	420 U	430 U	420 N	440 U
	2-Nitroeniline	1600	2000 U	2100 U	2100 U	2100 U
	Dimethyphthalate	330	_	₩ 1900 1	420 U	440 U
	Acenephthylene	88	420 C	430 U	420 C	₩ 440 U
	2,6-Dinitrotokuene	330	420 C	430 U	420 €	440 C
	3-Nitroeniine	1600	2000 U	2100 U	2100 U	2100 U
	Acenachthene	330	420 U	430 U	420 C	440 U
	2.4-Dinitrophenol	1600	2000 C	2100 U	2100 U	2100 U
	Diberzofuran	330	420 U	430 U	420 N	440 U
	4-Ntrochenol	1600	2000 U	2100 U	2100 U	2100 U
	2,4-Dinitrotoluene	330	420 N	430 N	420 N	440 U

Sample ID:	88	RB-HW-SU39	RB-HW-SU40	RB-HW-SU41	RB-HW-SU42
Time: Date Sampled: Date Received: % Moisture:		0820 01/18/90 01/19/90 21	0935 01/18/90 01/19/90	0935 01/18/90 01/19/90 22	0945 01/18/90 01/19/90 25
Lab ID:		1627.21	1627.22	1627.23	1627.24 A
Matrix:	lecimon.	S III	Soil	Soil	Soll
Parameter Semi-Volatiles	CRDL ug/kg				
Fluorene	88	420 U	430 U	420 U	440 U
Diethylphthalate	330	420 U	430 U	420 N	440 U
4-Chlorophenyl-phenylether	330	420 ∪	430 U	420 N	
4-Nitroaniline	1600	2000 U	2100 U	2100 U	2100 U
4,8-Dinitro-2-Methyphenol	1600	2000 U	2100 U	2100 U	
N-Nitrosoctiphenylamine	330	420 U	430 U	420 C	
4-Bromophenyi-phenylether	330	420 C	430 U	- 62 - 63 - 63 - 63 - 63 - 63 - 63 - 63 - 63	440 U
Hexachlorobenzene	330	420 ∪	430 U	420 C	D 544 C
Pentachiorophenol	1600	2000 7,000	2100 U	2100 U	2100 U
		8 8 5 C	1 054	2 024	244 0
Di-n-Butyohthalate		420 0	430 U	420 C	U 044
Fluoranthene	9	420 U	300 J	330 J	160 1
Pyrane	330	150 J	340 J	7 00E	190 J
Butyberzybhthalate	330	420 U	430 U	420 N	440 U
Berzo(a) Anthracene	330	420 ∪	430 U	420 N	440 U
3.3 - Dichlorobenzicine	99	840 ∪	870 U	850 U	∩ 088 088
Chrysene	330	420 C	310 J	200 J	240 U
bis(2-Ethythexyl)Phthalate	330	420 ∪	430 U	420 U	440 ∪
Di-n-octyphthalate	330	420 U	430 U	420 N	440 U

	Sample ID:	RB	RB-HW-SU39	RB-HW-SU40	RB-HW-SU41	RB-HW-SU42
	Time: Date Sampled: Date Received:		0920 01/18/90 01/19/90 21	0935 01/18/90 01/19/90 24	0935 01/18/90 01/19/90 22	0945 01/18/90 01/19/90 25
	Lab ID:		1627.21	1627.22	1627.23	1627.24
	Metrix:		Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL Ug/kg				
E 04	Berzo(b)Fluoranthene Berzo(k)Fluoranthene	330	420 U	300 J	240 J 420 U	440 U
	Berzo(a)Pyrene Indeno(1,2,3cd)Pyrene	330	420 U	150 J	1701	440
	Diberz(a,h)Anthracene Berzo(g,h,i)Perylene	33.00	420 C 420 U	430 U	420 U 220 U 230 U 230 U	44 44 440 U

Footnotes:

J——the value reported is an estimated concentration.
U——the compound was analyzed for, but not detected.

	Sample ID:	RB-	RB-HW-SU43	RB-HW-SU44	RB-HW-SU45	RB-HW-SU46
F	Time: Date Sampled: Date Received: % Moisture:		Time illeg 01/18/90 01/19/90 17	Time illeg 01/18/90 01/19/90	Time illeg 01/18/90 01/19/90	1025 01/18/90 01/19/90 11
_	Lab ID:		1627.25	1627.26	1627.27	1627.28
_	Matrix:		S II	¥ ijo Sori	Soil	S III
	Parameter Semi – Volatiles	CRDL				
 E-96	N-Nitroso-Dimethylamine	330	400 U	380 U	2900 U	2200 U
_	Phenoi	330	400 C	380 U	2900 U	2200 U
•	bis(2—Chloroethyl)ether	930 930	6 5 5	980 U	2900 U	2200 U
•	2-Chlorophenol	330	\$	~ 3	2900 U	0 0000
,,	1,3—Dichloroberzene 1.4—Dichloroberzene		84 0 = 0		2800 0	0.0023
_	Berzyl Acohol	88	8 8 5 ⊃	⊃ 388 88	2300 C	D 0022
•	1,2-Dichlorobenzene	330	400 ∪	380 U	2900 U	2200 U
••	2-Methylphenol	930 830	400 ∪	380 U	2900 U	2200 U
	bis(2-chloroisopropyl)Ether	330	400 U	380 U	2900 U	D 0022
	Methylphenol	930 330	400 €	∩ 086 380	2900 U	2200 U
	N-Nitroso-Di-n-Propylamine	99 99 99	\$ €	380 C	2900 U	0 0022
	Hexactioroemane	88	2 66 ○ :	O : 000	0 0087 2000 2000	2200 0
	Nitrobertzene	330	400	O : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 :	2900 U	0 0022
	aophorone	330	400 ∪	∩ 086 80 ∩	2900 U	2200 U
••	2-Nitrophenol	330 80	400 C	⊃ 086 380 ⊂	2900 U	2200 U
••	2,4-Dimethyphenol	330 330	400 ⊃	380 ∩	2900 U	D 0022
	bis(2-Chloroethoxy)methane	330	400 -	380 ∩	2900 U	D 0022
••	2,4-Dichlorophenol	330	400 ∪	380 N	2900 U	D 0022
	Berzoic Acid	1600	1900 U	1800 U	14000 U	11000 U

Sample ID:	R8-	RB-HW-SU43	RB-HW-SU44	RB-HW-SU45	RB-HW-SU46
Time: Date Sampled: Date Received:		Time illeg 01/18/90 01/19/90 17	Time illeg 01/18/90 01/19/90 13	Time illeg 01/18/90 01/19/90	1025 01/18/90 01/19/90
Lab ID:		1627.25	1627.26	1627.27	1627.28
Matrix:	i de la composition della comp	So <u>li</u>	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL ug/kg				
1,2,4-Trichlorobenzene	330	₩ 00	380 U	2900 U	2200 U
Naphthalene	330	400 U	380 U	2900 U	2200 U
4-Chloroaniline	330	400 ∪	380 U	2900 U	2200 U
Hexachlorobutacliene	330	400 □	380 U	2900 U	D 0022
4-Chloro-3-Methyphenol	330	400 U	380 U	2900 U	D 0022
2-Methytnaphthalene	330	400 U	380 U	2900 U	2200 U
Hexachlorocyclopentadiene	330	400 U	380 U	2900 U	2200 U
2,4,6-Trichlorophenol	330	400 U	380 U	2900 U	2200 U
2,4,5—Trichlorophenol	1600	1900 U	1800 U	14000 U	11000 U
2-Chloronaphthalene	0 88	6 4 .	D 086	2800 U	∩ 00ZZ
2-Nitroaniine	1600	1900 U	1800 U	14000 U	11000 U
Dimethylphthalate	330	400 €	086 380 0	2900 U	D 0022
Acenaphthylene	99	400 -	380	2900 U	2200 □
2,6-Dinitrotoluene	330	400 ⊃	380 C	2900 U	2200 U
3-Nitroaniline	1600	1900 U	24 J	14000 U	11000 U
Acenephthene	330	400 ∪	23	2900 U	D 0022
2,4-Dinitrophenol	1600	1900 U	1800 U	14000 U	11000 U
Diberzofuran	930	400 ∪	∩ 08c	2900 U	2200 U
4-Ntrophenol	1600	1900 U	1800 U	14000 U	11000 U
2,4-Dinitrotoluene	330	400 C	380 U	2900 U	2200 U

	Sample ID:	RB-HW-SU43	-SU43	RB-HW-SU44	RB-HW-SU45	RB-HW-SU46
	Time: Date Sampled: Date Received: % Moisture:	π̄π 01/	Time illeg 01/18/90 01/19/90 17	Time illeg 01/18/90 01/19/90 13	Time illeg 01/18/90 01/19/90	1025 01/18/90 01/19/90 11
	Lab ID:	. 16	1627.25	1627.26	1627.27	1627.28
	Matrix:		Soi A	∀ Soil	V Soil	Soil
	Parameter Semi – Volatiles	Nominal CRDL ug/kg				
E-27	Fluorene	330	400 U	380 U	2900 U	2200 U
	Usemyprmalate 4-Chlorophenyl-phenylether	8 8	86 96 95 95	380 UJ	2900 C	D 2200
	4-Nitroaniline	1600	1900 U	0 F 08	7800 U	11000
	4,6-Dinitro-2-Methylphenol	1600	1900 U	1800 U	14000 U	11000 U
	N-Nitrosodiphemylamine	330	400 U	380 U	2900 U	2200 U
	4 – Bromophenyi – phenylether Hexachlorobenzene	88	\$ 4 0 5 0 5	⊃ 080 80 80 80 80 80 80 80 80 80 80 80 80	2300 C	2200 U
	Pentachlorophenol	<u>8</u>	1900 U	1800 U	14000 U	10001
	Phenanthrene	330	±00 €	181	11000	5100
	Anthracene	330	40 □	17 J	2200 J	970 J
	Di-n-Butyphthalate	8	400 €	380 UJ	2900 U	2200 U
	ricorantorene	88	00 0 0 0 0	16 J	23000	7500
	Pyrane	990 990	6 0 0 0 0	39 J	25000	11000
	Butytoerzyphthalate	330	6 ○	380 UJ	2900 U	2200 U
	Bergo(a)Anthracane	330	400 C	35 J	15000	2800
	3,3" - Dichlorobenzidine	6	⊃ 008	O 092	5700 U	4500 U
	Chrysene	330	400	36 J	17000	6700
	bis(2-Ethythexyl)Phthalate	330	400 ∪	380 UJ	2900 U	2200 U
	Di-n-octyphthalate	330	4 00 ⊃	380 U	2900 U	2200 U

	Sample ID:	RB-	RB-HW-SU43	RB-HW-SU44	RB-HW-SU45	RB-HW-SU46
	Time: Date Sampled: Date Received: % Moisture:		Time illeg 01/18/90 01/19/90 17	Time illeg 01/18/90 01/19/90 13	Time illeg 01/18/90 01/19/90	1025 01/18/90 01/19/90
	O QET		1627.25	1627.26	1627.27	1627.28
	Matrix:		Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	Nominal CRDL ug/kg				
F.28	Berzo(b) Fluoranthene Berzo(k) Fluoranthene	330	400 U	48 J	20000	8400
	Berzo(a)Pyrene	330	400 C	50 J	15000	0099
	Indeno(1,2,3-cd)Pyrene Diberz(a,h)Anthracene	330 330 330	6 6 0 0 0 0	70 °C 380 °C 380 °C	10000 3500	4800
	Berzo(g,h,i)Perylene	330	400 U	56 J	8600	4700

Footnotes:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

Sample ID:	RB-HW-SU47	RB-HW-SU48	RB-HW SU49-SS3	RB-HW-D1
Time: Dete Sampled: Dete Received: % Moisture:	1210 01/18/90 01/19/90 15	1210 01/18/90 01/19/90 20	1030 01/31/90 02/01/90 16	0900 01/18/90 01/19/90 20
Lab ID:	1627.29	1627.30	1627.37	1627.31
Matrix:	Soirron	Sol	Soil	Soil
Parameter Semi – Volatiles	CRDL ug/kg			
N-Nitroso-Dimethylamine Phenol		410 U 410 U	390 U	410 U 410 U
bis(2-Chloroethyl)ether		410 U	300 n	410 U
2-Chloraphenol 1.3-Dichloraberzene		410 U	⊃ ⊃ 360 66 67	410 U
1,4-Dichlorobergene	330	410 U	390 U	U 014
1,2-Dichloroberzene		410 U	300 F	410 U
2-Methyphenol bis(2-chlorolsconcov))Ether		410 U	⊃ ∩ 068 380 €	410 U
4-Methylphenol		J 410 U	390 U	410 U
N-Nitroso-Di-n-Propylamine Hexachlorosthana		410 U	390 U	440 U
Nitrobenzene		410 U	300 n	410 U
Isophorone		J 410 U	330 N	410 U
2-Nitrophenol		410 U	300 E	410 U
2,4-Dimethytphenol		440 U	300 m	410 U
bis(2-Chloroethoxy)methane		410 U	066 390 U	410 U
2,4-Dichlorophenol	•	0.014	0.068	410 U
Berzolc Acid	-	2000 U	1900 U	2000 0

	Sample ID:	RB -i	RB-HW-SU47	RB-HW-SU48	RB-HW SU49-SS3	RB-HW-D1
	Time: Date Sampled: Date Received: % Moisture:		1210 01/18/90 01/19/90 15	1210 01/18/90 01/19/90 20	1030 01/31/90 02/01/90 16	0900 01/18/90 01/19/90 20
	Lab ID:		1627.29	1627.30	1627.37	1627.31
	Matrix:	legimol (Soil S	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL ug/kg				
E-3(1,2,4-Trichloroberzene	330	330 U	410 U	390 U	
D	Naphthalene 4-Chloroaniline	330 330	∩ 086 380	410 U	⊃ ⊃ 066 67	U 014 U 014
	Hexachlorobutadiene	330	380	410 U	390 U	
	4-Chloro-3-Methyphenol	330	390 U	410 U	330 U	410 U
	2-Methylnaphthalene	330	330 N	410 U	D 380	U 014
	Hexachlorocyclopentadiene 2.4.8Trichlorochemol	0 8 8 8	⊃ ⊃ 08 88 88	0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 066 066	410 U
	2,4,5—Trichlorophenol	1600	1900 U	2000 U	1900 U	
	2-Chloronaphthalene	330	330 U	410 U	330 U	410 U
	2-Nitroaniine	1600	1900 U	2000 C	1900 L	
	Dimethylphthalate Acananhthylana	6 6 6 7	⊃ ⊃ 066 88	0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	∩ 066 3006	0.014 U 0.14
	2.6- Dinitrotoluene	330	300 U	410 U	330 U	
	3-Nitroaniline	1600	1900 U	2000 U	1900 U	
	Acenaphthene	330	390 ∪	410 U	330 N	
	2,4-Dinitrophenol	1600	1900 U	2000 U	1900 U	
	Diberzofuran	330	300 C	410 U	300 C	
	4-Nitrophenol	1600	1900 U	2000 U	1900 U	
	2,4-Dinitrotoluene	330	330 ∩	410 U	390 N	

Sample ID:	RB-	RB-HW-SU47	RB-HW-SU48	RB-HW SU49-SS3	RB-HW-D1
Time: Date Sampled: Date Received: % Moisture:		1210 01/18/90 01/19/90 15	1210 01/18/90 01/19/90 20	1030 01/31/90 02/01/90 16	0900 01/18/90 01/19/90 20
Lab ID:		1627.29	1627.30	1627.37	1627.31
Matrix:		Soil	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL ug/kg				
Fluorene	330	390 U	410 U	390 U	410 U
Diethylphthalate	330	330 ∪	410 UJ	330 U	410 U
4-Chlorophenyl-phenylether	330	330 N	410 U	330 N	410 U
4-Nitroeniline	1600	1900 U	2000 N	1900 U	2000 U
4,6-Dinitro-2-Methyphenol	1600	1900 U	2000 U	1900 U	2000 U
N-Nitrosodiphenylamine	330	330 N	410 U	330 N	410 U
4-Bromophenyl-phenylether	330	330 N	410 U	OSC 1	410 U
Hexachlorobenzene	330 330	390 C	410 U	OSE	410 U
Pentachlorophenol	1600	1900 U	2000 U	1900 U	2000 C
Phenanthrene	330	300E	1071	240 J	410 U
Anthracene	88	D = 000	410 U	0.000	0 0 0 4
U-II- Dutyphiliakie Ekopanthapa		. 661 	380	50 CS 50 CS	7 02
Pyrene	330	⊃ 06E	270 J	460	190 J
Butyberzytohthalate	330	390 U	410 U	330 U	410 U
Berzo(a) Anthracene	330	∩ 06E	410 U	C 023	410 U
3,3' - Dichlorobenzidine	099	082 180 ∪	008 000	790 U	008 000
Chrysene	330	∩ 06c	L 071	250 J	410 U
bis(2-Ethythexyl)Phthalate	330	390 ∪	410 U	330 U	410 U
Di - n - octyiphthalate	330	330 N	410 U	330 N	410 U

	Sample ID:	RB-	RB-HW-SU47	RB-HW-SU48	RB-HW SU49-SS3	RB-HW-D1
	Time: Date Sampled: Date Received: % Moisture:		1210 01/18/90 01/19/90 15	1210 01/18/90 01/19/90 20	1030 01/31/90 02/01/90 16	0900 01/18/90 01/19/90 20
	Lab ID:		1627.29	1627.30	1627.37	1627.31
	Matrix:		Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL ug/kg				
-32	Berzo(b) Fluoranthene Berzo(k) Fluoranthene	88	130 J	410 U	320	160 1
	Berzo(a) Pyrene	88	⊃ 066 67	130.1	S 66	410 U
	Indeno(1,2,3-cd)Pyrene	330	390 U	410 U	140 5	410 1
	Diberz (a, h) Anthracene	330	330 N	410 U	J 068	410 U
	Berzo(g,h,i)Perylene	330	380 N	410 U	390 U	410 U

Footnotes:

J—— the value reported is an estimated concentration.
U—— the compound was analyzed for, but not detected.

RB-HW-D2 RB-HW-D3	0935 0945 01/18/90 01/18/90 01/19/90 01/19/90 20 19	1627	Soil		410 U 410 U	2	_ :	410 U 410 U 410 U 410 U	- :	410 U 410 U) :	0 0 14 0 0 14 0 0 14	· >	410 U 410 U	n	-	5)	-	2000 U 2000 U
Sample ID:	Time: Date Sampled: Date Received:	Cab ID:	Matrix: Nominal	Parameter Semi-Volatiles ug/kg	oso – Dimethylamine	bis(2-Chloroethyl)ether 330	, _{[0}	1,3-Dichloroberzene 330 1,4-Dichloroberzene 330		1,2-Dichloroberzene 330 2-Methytphenol 330	propyl)Ether	orin	ine ine			2-Nitrophenol 330	henol	bis(2-Chloroethoxy)methane 330	phenol	
				1	E-33															

RB-HW-D3	0945 01/18/90 01/19/90 19	1627.33 A	5		410 U	410 U	0 014 0 0 14	410 U	410 U	J 014	2000 U	410 U	2000 U	410 U	410 C	0.014	2000 4 10 U	2000 U	410 U	2000 U	410 U
RB-HW-D2	0935 01/18/90 01/19/90 20	1627.32 A	5		410 U	410 U	410 U	4 10 0	410 U	J 64	2000 U	410 U	2000 U	410 U	450 U	0.00	2000 O 410 U	2000 C	410 U	2000 U	410 U
			Nominal	ug/kg	330	93 93 93 93 93 93 93 93 93 93 93 93 93 9	8 8	9 9 9 9	330	88	<u>8</u> 8	330	1600	330	9	3 6	3 8	0091	330	1600	88
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Personater	Semi-Volatiles	1,2,4-Trichlorobenzene	Naphthalene	4-Chlorogniine Herschloroth facilians	4-Chloro-3-Methylphenol	2-Methylnaphthalene	Hexachlorocyclopentadiene	2,4,6 Inchiorophenol 2,4,5 Trichlorophenol	2-Chloronaphthalene	2-Nitroeniline	Dimethylphthalate	Acenaphthylene	Z,6-Unitrotoluene	3	2.4-Diritrophenol	Dibenzofuran	4-Nitrophenol	2,4-Diritrotoluene
				1	E-34																

RB-HW-D2 RB-HW-D3	0935 0945 01/18/90 01/18/90 01/19/90 01/19/90 20 19	1627.32 1627.33 A A Soil		(1017)	22	410 U 410 U	2000 U 2000 U 2000 U	410 U 410 U	.	2000 U 2000 U	. .	410 U 410 U	410 U 200 J 130 J 240 J	, 그	410 U 410 U	D	-)	D
æ.			Nominal CRDL	ug/kg	88	88 6	<u>8</u> 8	<u>8</u>	88	095 255	88	330	8	8	330	099	330	330	330
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Parameter	-	Diethyphthalate	4-Chlorophenyi-phenylether	4.6-Dinitro-2-Methyphenol	N-Nitrosodiphenylamine	4-Exchinghery - prenyeuse Hexachlorobenzene	~	Arthracene	Di-n-Butyphithalate	Fluoranthene	Butyberzylphthalate	Berzo(a) Anthracene	3,3 - Dichlorobenzidine	Chrysene	bis(2—Ethyfhexyl)Phthalate	Di-n-octyphthalate
				E-:	35														

Footnotes:

J——the value reported is an estimated concentration. U——the compound was analyzed for, but not detected.

		RB-HW-SUt9	RB-HW-SU20	MB-HW-SUZI	RB-HW-SU22	
Time: Dete Sampled: Dete Received:		0945 01/18/90 01/19/90	0950 01/18/90 01/19/90	1000 01/18/90 01/19/90	1010 01/18/90 01/19/90	
(Per Di		1627.01	1627.02	97.03	1627.04	
Matrix:		∨ iio	Soi >	Soil	A Soil	
Parameter	Nominal					
Metals	mg/Kg					
Antimony	ဖ	4.6 UNJ	4 UNJ	4.8 UNJ		_
Arsenic	 -	9.6 BNJ	13.1 NJ	6.8		
Beryllum	0.5	0.45 B	1 .8			
Cadmium	0.5	0.68	0.19 U		0.24 B	
Chromium	_	14.4 NJ	9.1 N.	3.6 NJ	8.6 NJ	
Copper	2.5	15.8 *	15.3 *	11 *	12.6 *	
Lead	0.3	110	22.9	25.7	43.8	
Mercury	0.1	0.099 B	0.062 U	0.06 U	0.053 U	
Nickel	4	14.1	15.2	11.9	122	
Selenium	0.5	0.2 U	0.2 BW		0.21 UW	
Silver		0.75 U	0.66 U	0.78	0.79 U	
Theliton	 -	0.53 UNWJ	0.47 UNWJ			7
Zinc	Q	98.8 N	71 NJ		68.4 NJ	

Sample ID:	8 2	RB-HW-SU23	RB-HW-SU24	RB-HW SU25-SS2	RB-HW-SU26
Time: Date Sampled: Date Received: % Solids:		1020 01/18/90 01/19/90 82.4	1025 01/18/90 01/19/90 ` 84.5	1440 01/25/90 84.5	0850 01/18/90 01/19/90 79.8
Lab ID: Matrix:		1627.05 A Soil	1627.06 A Soil	1627.07 A Soil	1627.08 A Soil
Parameter Metais	Nominal CRDL mg/Kg				
Antimony Arsenic Beryllium	0 C C C	4.8 UNJ 10.8 BNJ 0.96	4.5 UNJ 15.2 NJ 0.67	3.8 UNJ 17.3 0.66	
Chromium Copper		0.23 14.7 U 186 *	0.22 B 14.1 NJ 17.8 *	0.47 14.5 23.3 NJ	
Mercury Nickel Selenium Silver		0.09 B 0.21.4 B 0.2 U	68.4 0.056 U 24.1 0.18 UW	22.4 N*J 0.059 U 24.4 0.31 BW	90.7 20.2 0.74
Thellum	- - 0	0.54 UNWJ 106 NJ	_	0.21 BNWJ 84 NJ	

Sample ID:	8 8	RB-HW-SU27	RB-HW-SU28	RB-HW-SU29	RB-HW-SU30
Time: Date Sampled: Date Received: * Solids:		0900 01/18/90 01/19/90 83.5	0900 01/18/90 01/19/90 78.3	1100 01/18/90 01/19/90 86.1	1100 01/18/90 01/19/90 84.0
Lab ID: Matrix:		1627.09 A Soil	1627.10 A Soil	1627.11 A Soil	1627.12 A Soil
Parameter Metals	Nominal CRDL mg/Kg				
Antimony Arsenic Beryllium Cadmium	0.00 0.00	4.3 UNJ 14 NJ 0.65	4.6 UNJ 10.8 BNJ 0.68 0.22 U	4.7 UNJ 11.9 NJ 0.93 0.22 U	4.9 UNJ 8.6 BNJ 0.49 B 0.23 U
Copper Copper Leed Mercury Nickel Selenium Silver Theilium Zinc	- 9.0.0 - 7.6.0 - 7.6.0	14.1 N 20.2 * 59.8 0.052 U 23.5 0.26 B 0.71 U 89.3 N.1	13.8 N 17.4 * 0.064 U 18.8 0.75 U 0.75 U 95 N.I	11.1 N 20.8 * 32.1 0.058 U 21.5 0.34 BW 0.77 U 0.49 UNW	J

Sample ID:	AB.	RB-HW-SU31	RB-HW-SU32	RB-HW SU33-SS2	RB-HW-SU34
Time: Date Sampled: Date Received: * Solids:		1145 01/18/90 01/19/90 78.0	0910 01/18/90 01/19/90 81.9	1450 01/24/90 01/25/90 77.8	0920 01/18/90 01/19/90 87.0
Lab ID: Metrix:		1627.13 A Soil	1627.14 A Soil	1627.15 A Soil	1627.16 A Soil
Parameter Metals	Nominal CRDL mg/Kg				
Antimony Arsenic Beryllium Cadmium Chromium Copper Lead Mercury Nickel Selenium Silver Thalifum	8 - 0.0 8 - 0.0	5.3 UNJ 6.9 BNWJ 0.66 0.53 B 12.8 NJ 13 * 48.8 0.064 U 16 0.59 B 0.59 UNWJ 59 NJ	4.9 UNJ 18.1 NJ 0.73 0.49 B 16.2 NJ 22.6 * 41.6 0.061 U 27.3 0.18 UW 0.81 U 0.48 UNWJ	5 UNJ 20 0.75 0.63 13.2 13.2 25.5 NJ 112 N*J 0.064 U 24.5 0.49 BW 0.19 BNWJ	4.3 UNJ 15.8 NJ 0.53 0.2 U 11.5 NJ 20.6 * 19.5 0.057 U 24.8 0.39 BW 0.7 U 0.7 U 0.7 U
	;		-	ON1 121	

1110 1115 1135 01/18/90	Sample ID:	88	RB-HW-SU35	RB-HW-SU36	RB-HW-SU37	RB-HW-SU38
A A A Soil Soil Soil Soil Soil Soil Soil Soil	Time: Date Sampled: Date Received:		1110 01/18/90 01/19/90 80.7	1115 01/18/90 01/19/90 87.9	1135 01/18/90 01/19/90 80.2	1145 01/18/90 01/19/90 80.5
Nominal CRDL Mg/Kg 6 4.5 UNJ 7.9 BNWJ 9.9 B 17.6 0.5 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 1.4.3 NJ 8.7 15.* 21.9 22.5 17.* 17.* 24.8 0.3 27.1 24.8 0.4 B 0.74 0.74 0.74 0.74 0.74 U 0.75 0.	Lab ID:		1627.17 A	1627.18 A	1627.19 A	1627.20 A
CRDL CRDL mg/Kg 6 4.5 UNJ 1 7.9 BNWJ 0.5 0.23 B 0.5 0.23 B 0.6 0.79 0.70 0.			ios S	Ō	io O	Soi
6 4.5 UNJ 4.1 UNJ 4.2 UNJ 7.9 BNWJ 9.9 B 17.6 U.29 U.24 B 0.41 B 0.74 U.25 U.23 B 0.31 B* 0.31 B* 0.25 U.25 U.25 U.25 U.25 U.25 U.25 U.25 U	Parameter Metais	Nominal CRDL mg/Kg				
6 4.5 UNJ 4.1 UNJ 4.2 1 7.9 BNWJ 9.9 B 17.6 0.5 0.79 0.41 B 0.74 0.5 0.23 B 0.31 B* 0.74 1 14.3 NJ 8.7 15.7 2.5 17 17 15* 21.9 0.1 0.062 U 0.042 U 0.066 4 19.7 17.9 * 28.6 0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.74 1 0.54 UNWJ 0.47 UNWJ 0.54	•	D D				
1 7.9 BNWJ 9.9 B 17.6 0.5 0.79 0.41 B 0.74 0.5 0.23 B 0.31 B* 0.74 2.5 17* 15* 21.9 0.3 27.1 24.8* 28.7 0.1 0.062 U 0.042 U 0.066 4 19.7 17.9* 28.6 0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.74 0.50 N.1	Antimony	Φ	4.5 UNJ			
0.5 0.79 0.41 B 0.74 0.23 B 0.31 B* 0.74 0.2	Arsenic		7.9 BNW.			•
0.5 0.23 B 0.31 B* 0.2 1 14.3 NJ 8.7 15.7 2.5 17 * 15 * 21.9 0.3 27.1 24.8 * 28.7 0.1 0.062 U 0.042 U 0.066 4 19.7 17.9 * 28.6 0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.75	Beryflium	0.5	0.79			
2.5 17 * 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7	Cadmium	0.5	0.23 B	0.31 B*		
2.5 17* 15* 21.9 0.3 27.1 24.8* 28.7 0.1 0.062 U 0.042 U 0.066 4 19.7 17.9* 28.6 0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.7 1 0.54 UNWJ 0.47 UNWJ 0.54	Chromium	-	14.3 NJ	8.7		
0.3 27.1 24.8 * 28.7 0.065 U 0.065 U 0.066 U 0.25 BW 0	Copper	2.5	17 *	15 *	21.9 *	* 622
0.1 0.062 U 0.042 U 0.066 4 19.7 17.9 * 28.6 0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.74 U 1 0.54 UNWJ 0.47 UNWJ 0.54	read	0.3	27.1	24.8 *	28.7 *	37.4 *
4 19.7 17.9 * 28.6 0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.7 1 0.54 UNWJ 0.47 UNWJ 0.54	Mercury	0.1	0.062 U	0.042 U	0.066 U	D 290'0
0.5 0.2 U 0.25 BW 0.25 1 0.74 U 0.68 U 0.7 1 0.54 UNWJ 0.47 UNWJ 0.54	Nickel	4	19.7	17.9 *	28.6 *	23.3 *
1 0.74 U 0.68 U 0.7 1 0.54 UNWJ 0.47 UNWJ 0.54	Selenium	0.5	0.2 U		6.25	
1 0.54 UNWJ 0.47 UNWJ 0.54	Cilver	-	0.74 U		0.7	
I THE COS IN GEO C	Thalifum	-	0.54 UNW.		0.54	35.0
	Zinc	a	93.9 NJ		95.1	

SU39 RB-HW-SU40 RB-HW-SU41 RB-HW-SU42	0820 0835 0945 01/18/90 01/18/90 01/18/90 01/19/90 01/19/90 01/19/90 01/19/90 01/19/90 78.7 76.3 78.3 74.5	1627.21 1627.22 1627.23 1627.24 A A A A A Soil Soil Soil		5.1 UNJ 5.2 UNJ 5.3 UNJ 12.1 B 19.6 17.8 16.7 0.63 0.78 0.38 B 0.53 B 0.38 B* 0.39 B* 0.24 U* 0.26 B* 22.8 22.7 12.8 16 30.6 * 36.1 * 25.8 * 32.6 * 30.6 * 36.1 * 25.8 * 32.6 * 73.4 * 44.3 * 39.2 * 35.8 5.058 U 0.074 B 0.061 U 0.067 U 26.4 * 30.5 * 21.5 * 30.9 * 0.29 BW 0.32 BW 0.22 U 0.38 B 0.22 BW 0.22 U 0.38 B 0.83 U 0.85 U 0.87 U 0.66 BNWJ 0.95 BNWJ 0.6 BNWJ 0.61 UNN 196 N*J 139 N*J 109 N*J 109 N*J
Sample ID: RB-HW-SU39	npled: Seived:	Lab ID: 162 Metrix:	Parameter Nominal CRDL Metals mg/Kg	Antimony Araenic Araenic Beryfilum Cadmium Chromium Copper Copper Lead Mercury Nickel Selenium Silver Thatfilum Zinc

Sample ID: Time: Dete Sampled: Dete Sampled: Selids: Lab ID: Metrix: Metals Antimony Arsenic Beryllium Cadmium Copper Leed Mercury Nickel Selenium Silver	Nominal CRDL mg/Kg 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Time illeg 01/19/90 01/19/90 01/19/90 01/19/90 01/19/90 01/19/90 83.1 4.7 UNJ 8.3 B 0.52 U* 17.5 29.2 * 29.2 * 29.2 * 20.6 U 31.8 * 0.06 U	Time illeg 01/18/90 01/19/90 86.8 86.8 1627.26 A Soil Soil 7.6 B 0.47 B 1.6 * 1.4 45.3 * 77 * 0.055 U	Time illeg 01/18/90 01/18/90 01/18/90 00.7 1627.27 A Soil Soil 4.8 B 0.25 U 1.9 * 12.5 11.9 * 0.053 U 13.8 * 0.053 U	1025 01/18/90 01/19/90 88.9 1627.28 A Soil Soil 1.2 B 0.42 B 1.6 * 13.8 18.4 * 54.9 * 0.056 U
nalifu m nc	- α	0.54 UNWJ 116 N*J			

RB-HW-D3	0945 01/18/90 01/19/90 80.6	1627.33 A Soil			15.1 29.7 * 28.3 * 0.054 U 27.3 * 0.52 BW 0.82 U 0.82 U 99.2 N*J
RB-HW-D2	0935 01/18/90 01/19/90 79.9	1627.32 A Soil		4.9 UN 14.9 S 0.49 B 0.37 B*	9.8 19.4 * 27.4 * 0.066 U 18 * 0.39 BW 0.81 U 0.53 UNW. 68 N*J
Sample ID:	Time: Date Sampled: Date Received:	Lab ID: Matrix:	Parameter Nominal CRDL CRDL Metals mg/Kg	mony 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Chromium 1 Copper 2.5 Lead 0.3 Mercury 0.1 Nickel 4 Silver 1 Thallium 1 Zinc 2
S		Mar Lab	Parame		

Footnotes:

- -- not detected
- *--duplicate analysis not within control limits.
- B--reported value is less than the reporting limit, but greater than the IDL.
 - J-- the value reported is an estimated concentration.
 - N--spiked sample recovery, not within control limits.
- S--reported value was determined by the Method of Standard Additions.
- W--post digestion spike for Furnace AA analysis out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance. U--compound was analyzed for, but not detected.

Sample ID:		RB-HW- AB1-	RB-HW- AB1-	RB-HW- AB2- SS4	RB-HW- AB2- SS2
Time: Date Sampled: Date Received: % Moisture:		01/22/90 01/22/90 01/23/90	01/22/90 01/22/90 01/23/90	551 1500 01/22/90 01/23/90 13	1500 1500 01/22/90 01/23/90 13
Lab ID:		1630.01	1630.02	1630.03	1630.04
Matrix:	i aciecy	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
Chloromethane	10	12 U	1420 U	12 U	11 U
Bromomethane	5	12 C	1420 U	12 C	# # # # # # # # # # # # # # # # # # #
Chlorethane	20	12 U	1420 U	12 U	±
Methylene Chloride	· ro	18 UJ	1800 UJ	7 W	7) 6
Acrolein _	10	12 U	1420 U	12 U)
Acetone	<u>\$</u>	100 130 130 130	12500 UJ	100 UJ	2 2 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3
Acrylonitrie Carbon Disuificie	5 5	0 ST 0 ST	1420 U 024	12 C	= =
Trichlorofluoromethane		12 U	1420 U	12 U	11 U
1,1-Dichloroethene		0 9	710 U	∩ : 9	1 9
1,1-Dichloroethane) 9	710 U) 9) (
trans-1,2-Dichloroethene) ()	710 0) (
	מ ע) = •	71017)
2-Butanone	. 00	, 6 LU U	12500 UJ	100 UJ	18. 19.00
1.1.1—Trichloroethane		D 9	710 U	5 UJ	e u
Carbon Tetrachloride		N 9	710 U	Ω9	N 9
Vinyl Acetate	20	29 ∩	7100 U	29 U	97 U
Bromodichloromethane		0 9	710 U		∩ 9

Sample ID:		RB-HW- AB1-	RB-HW- AB1-	RB-HW- AB2-	RB-HW- AB2-
Time:		1000 1000	552 1000	1500	552 1500
Date Sampled: Date Received:		01/22/90	01/22/90	01/22/90	01/22/90
% Moisture:		15	41	13	13
Lab ID:		1630.01	1630.02	1630.03	1630.04
Matrix:	NomimoN	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	ĸ	∩ 9	710 U	N 9	9
cis-1,3-Dichloropropene	ທ	∩ 9	710 U	N 9	Π9
Trichloroethene	S	∩9	710 U	N 9	09
Bergene ··	5	∩ 9	1200 UJ	<u>-</u>	∩ 9
Dibromochloromethane	S	∩ 9	710 U	n 9	∩9
1,1,2—Trichloroethane	10	⊃ :	710 U		∩9
trans-1,3-Dichloropropene	no (0 9	710 U) ()
2—ChloroethyMnylether	0 2	120	1420 U		13.0
2-Haranone	ဂ ဝင္ပ	29 0	7100 U	O 65	9 0 57 U
4-Methyl-2-pentanone	20	29 C	7100 U		U 73
Tetrachioroethene	ιO	0 9	710 U		0 9
1,1,2,2—Tetrachioroethane	KO I	⊃ 9	740 U		∩ 9 •
Toluene	ഗ	2 CT	710 U		. S
Chlorobenzene	រ (ာ	710 U	n :	∩9 •
Ethyberzene	io i	⊃ : œ •	6700) 9	
Signal of the si	<u>ه</u>) 9	0.017) 9	
m/p-Xylene	io u) 9	9000	⊃ = 9	09
	O 1) 	1200		
1,3-Lichoroperzene	n	9		9	

Sample ID:	RB-HW-	RB-HW-	RBHW-	RBHW-
	AB1-	AB1 -	AB2-	AB2-
	SS1	SSS	SS1	SSS
Time:	1000	1000	1500	1500
Dete Sampled:	01/22/90	01/22/90	01/22/90	01/22/90
Date Received:	. 01/23/90	01/23/90	01/23/90	01/23/90
% Moisture:	क्	4	13	13
Lab ID:	1630.01	1630.02	1630.03	1630.04
Matrix:	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg			

Footnotes:

B -- the analyte is found in the associated blank as well as in the sample.

D -- result is calculated from a greater dilution than the primary analysis.

J--the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

1,2/1,4-Dichlorobenzene

N9

D9

710 U

∩ 9

S

Sample ID:		RB-HW-	RB-HW-	RB-HW-	RB-HW-
		SS1	ABS - SS2	8S1	- AB4 - SS2
Time:		0835	0060	1320	1340
Date Sampled:		01/23/90	01/23/90	01/23/90	01/23/90
Date Received:		01/24/90	01/24/90	01/24/90	01/24/90
% Moisture:		91	Z	/1	E.
Lab ID:		1633.01	1633.02	1633.03	1633.04
Matrix:	:	Soil	Soil	Soil	Soil
Parameter	Nominal CRDL				
Volatiles	ng/kg				
Chloromethane	10	12 U	110	12 U	11 C
Bromomethane	5	12 U	11 U	12 U	110
Vinyi Chloride	9	12 U	110	12 U	110
Chloroethane	9	12 U	11 C	12 U	11 U
Methylene_Chloride	S	10 CJ	12 UJ	13 UJ	13 U.
Acrolein	9	12 U	11 C	12 U	⊃ =
Acetone	8	100 UJ	100 E	100 U	250 D
Acrylonitrile	9	12 U	# ====================================	12 U	11 C
Carbon Disuffice	1	12 U	11 C	12 U	1 C
Trichlorofluoromethane	9	12 0	# C	12 N	11 C
1,1-Dichloroethene	ı,	0 9	0.9	n 9	∩ 9
1,1-Dichloroethane	io I)	∩ 9	∩ 9	∩ 9
trans-1,2-Dichloroethene	S	09	0 9	0.9	∩ 9
Chloroform	ιO	N9	∩ 9	Ω9	0 9 0
1,2-Dichloroethane	S	∩ 9	0 9	Λ9	N 9
2-Butanone	\$	180 130	100 LZ	120 CZ	100 t
1,1,1-Trichloroethane	ĸ	∩9	∩ 9	Π9	Π9
Carbon Tetrachloride	S	0 9	N9	0 9	Π9
Vinyl Acetate	20	∩ 09	0 ZS	O 09	27 U
Bromodichloromethane	S	⊃ 9	Ω9	n 9	0 9

Sample ID:		RB-HW- AB3-	RB-HW- AB3-	RB-HW- AB4-	RB-HW- AB4-
Time: Date Sampled: Date Received: % Moisture:		SS1 0835 01/23/90 01/24/90 16	SS2 0900 01/23/90 01/24/90	SS1 1320 01/23/90 01/24/90	SS2 1340 01/23/90 01/24/90
Lab ID:		1633.01	1633.02	1633.03	1633.04
Matrix:		Sol	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	ro	0.9	n e		19
cis-1,3-Dichloropropene	KO K	⊃ : •) 9) 9
i rchioroemene Berzene	ດທ) () ()	ე 9 წ) 9
Dibromochloromethane	, ro	79	η9		0.8
1,1,2 Trichloroethane	ا م <u>ا</u>	_) 9		79
trans-1,3-Dichloropropene 2-Chloroethyhinvlether	e <u>0</u>	6 0 5 0 0	2 1	. 6 . 0	
Bromoform	ίΩ	_	Π9	_	0.9
2-Hexanone	ය (57 U		57 U
4-Methyl-2-pertanone	g «		2,4)
1.12.2—Tetrachloroethane	ນ		∩ 9	_) 9
Toluene	S		Ω9		N9
Chlorobenzene	ιΩ	_	0.9	_	Π9
Ethyberzene	S.		Π9		8
Styrene	1	_	∩9	_	Ω9
m/p-Xylene	1 0	_	∩ 9	_	9 6
o-Xylene	S.	_) 9		51
1,3-Dichloroberzene	ເດ	_	0.9		O 9

Sample ID:	RB-HW		RB-HW-	RB-HW-
	AB3-	- AB3-	AB4-	AB4-
	88		SS1	SSS
Time:	280		1320	1340
Date Sampled:	01/23/9		01/23/90	01/23/90
Date Received:	01/24/9		01/24/90	01/24/90
% Moisture:	-		11	1 3
Lab IO:	1633.01	1 1633.02	1633.03	1633.04
Matrix:	Soll	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg			

Footnotes:

B--the analyte is found in the associated blank as well as in the sample.

N9

N9

D9

9

5

D -- result is calculated from a greater dilution than the primary analysis.

J -- the value reported is an estimated concentration.

U- -the compound was analyzed for, but not detected.

1,2/1,4-Dichlorobenzene

Sample ID:		RB-HW- AB5-	RB-HW- AB5-	RB-HW- AB6-	RB-HW- AB6-
Time: Date Sampled: Date Received: % Moisture:		01/22/90 01/23/90 01/23/90	552 1430 01/22/90 01/23/90 13	551 1100 01/23/90 01/24/90 13	552 1115 01/23/90 01/24/90
Co que		1630.05	1630.06	1633.05	1633.06
Matrix:	lecimon	Soil	Soil	Soil	Soil
Parameter Voiatiles	CRDL ug/kg				
Chloromethane	5 5	∓ ;	± ;	7 7 7	120
Vinyl Chloride	5 5	= =	= =	= =	12 U
Chloroethane	9	100	110	110	12 U
Methylene_Chloride	က (⊃; 9;	10 U	39 UJ	4 1
Acrolein	5 5	110	11 00	11 0	120
Actylonitrie	<u>3</u> 2	- - - - -	± 5 5 5	5 5 5 5	
Carbon Disuifide	10	11 0	11 U	11 U	12 U
Trichlorofluoromethane 1.1-Dichloroethene	6 æ	- °	11 O		
1,1-Dichloroethane	.	19	0 9	D9	∩ 9
trans-1,2-Dichloroethene	S	19	∩ : 9	∩ 9 •	∩9
Chloroform	io i	⊃ : 9	0.9	⊃ : 9) ()
1,2-Dichloroethane		0 0 1) 9 7	0 9	9 5
1.1.1 – Trichloroethane	<u>.</u>) 9 	3 ⊃ 9	§ ⊃ 9	၌ သ စ
Carbon Tetrachloride	2	∩9	0 9	N 9	N 9
Vinyl Acetate	20	26 U	92 N	92 N	N 09
Bromodichloromethane	ĸ	⊃ 9	n 9	ာ စ	∩ 9

Sample ID:		RB-HW- AB5-	RB-HW- AB5-	RB-HW- AB6-	RB-HW- AB6-
Time: Date Sampled: Date Received: % Moisture:		01/22/90 01/23/90 01/23/90	552 1430 01/22/90 01/23/90 13	1100 1100 01/23/90 01/24/90	552 1115 01/23/90 01/24/90
Lab ID:		1630.05	1630.06	1633.05	1633.06
Matrix:	lecimon	Soil	Soil	Soil	Soll
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	io i	79) 9) 9	9 6
cs - 1,3 - Lichoropropere Trichloroethene	ი ი) () ()) 9 9) 9 9	9 9
Berzene	S	09	N 9	Ω9	1.
Dibromochloromethane	ιΩ ·	9	n 9		7 9
1,1,2—Trichloroethane trans—1.3—Dichlomorocone	ນ വ	⊃ = • •) 9	⊃ <u>=</u>	⊃ =
2-Chloroethykinylether	. . 5	. T	10.1		12 U
Bromoform	က (7 €	⊃ ;		79
Z-rrexanone 4-Methyl-2-pentanone	3 6	⊃ 20 20 20 20 20 20 20 20 20 20 20 20 20	0 /c 27 U	9/ O 2/ O	2
Tetrachloroethene	S	N9	09		0 9
1,1,2,2—Tetrachioroethane	10 10	⊃ : 9) 9		⊃ : •
	n u) 9	3 :		מי
Chlorocenzene Ethyberzene	o vo) ()) ()	⊃) ()
Styrene	o ro)) 9	09		<u> </u>
m/p-Xylene	S	N9	0.9		Π9
o-Xylene	KO :	∩ 9	∩ 9	_	N 9
1,3-Dichlorobenzene	ĸ	∩ 9	∩ 9	_	n 9

Sample ID:	RB-HW- AB5-	RB-HW- AB5-	RB-HW- AB6-	RB-HW- AB6-
Time:	SS1 1430	SS2 1430	SS1	SS2
Date Sampled: Date Received:	01/22/90	01/22/90	01/23/90	01/23/90
% Moisture:	11	13	01/24/90	01/24/90
Lab ID:	1630.05	1630.06	1633.05	1633.06
Matrix:	Soil	Soil	Soil	Soil
Parameter CRDL Volatiles ug/kg				·
1,2/1,4-Dichloroberzene 5	N 9	9	0 9	N 9

Footnotes:

B--the analyte is found in the associated blank as well as in the sample.

D--result is calculated from a greater dilution than the primary analysis. J--the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- AB7-	RB-HW- AB7-	RB-HW- AB8-	RB-HW- AB8-
Time: Date Sampled: Date Received: % Moisture:		1400 01/23/90 01/24/90 18	1410 01/23/90 01/24/90 13	1320 01/22/90 01/23/90 12	1320 1320 01/22/90 01/23/90
Lab ID:		1633.07	1633.08	1630.07	1630.08
Matrix:	N Control	Sol	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
Chloromethane	10	12 U	J.:	J	12 U
Bromomethane Vinyl Chloride	0	12 U	= = = = = = = = = = = = = = = = = = =	=======================================	12 C
Chloroethane	5 6	12 U	1 0	110	12 U
Methylene Chloride	2	130 B	21 W	10 UJ	12 UJ
Acrolein =	0	12 U	1	n	12 U
Acetone	5	5 3 :	28 23 :	8 3 3 3	8t 23
Actyonitrie Carbon Dia Hide	5 5	12C) - -	2 = =	12.0
Trichlorofluoromethane	5 5	12 U	1 0) T	12 U
1,1-Dichloroethene	ഗ	∩ 9	∩9))
1,1-Dichloroethane	က ၊	⊃ : 9	∩ : 9	⊃ : 9	9
trans-1,2-Dichloroethene	ស ម	9 9) 9) = 0) (
	D 4) = 9 q) = 9) = () =
1,2- Dichloroemane	. E		9 6	0 00	001
1.1.1 Trichloroethane	3 ra	9	} 9	n 9	79
Carbon Tetrachloride	ω	0 9	09	Ω9	Π9
Vinyl Acetate	20	61 U	D 25	0 2 5	
Bromodichloromethane	S	∩9	ก9	ာ မ	

SST SSZ SSZ SSZ SSZ SSZ SSZ SSZ Date Sampled: 1400 1410 1320 1320 1320 1320 1320 1320 1320 1320 1320 1320 1320 1320 1420 <t< th=""><th>Sample ID:</th><th></th><th>RB-HW- AB7-</th><th>RB-HW- AB7-</th><th>RB-HW- AB8-</th><th>RB-HW- AB8-</th></t<>	Sample ID:		RB-HW- AB7-	RB-HW- AB7-	RB-HW- AB8-	RB-HW- AB8-
mplect: 01/23/90	Time:		SS 1	SS2 1410	SS1 1320	SSZ
Solidado 1724/90 172	Date Sampled:		01/23/90	01/23/90	01/22/90	01/22/90
Soil	Late received: % Moisture:		01/24/90 18	01/24/90 13	01/23/90 12	01/23/90
Nominal CRDL Soil Soil Soil Soil Soil Soil Soil Soil	Lab ID:		1633.07	1633.08	1630.07	1630.08
Management Man	Matrix:	lacimon	Soil	Soil	Soil	Soil
hloropropane 5 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	Parameter Volatiles	CRDL ug/kg				
-Dichloropropene 5 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	1.2-Dichloropropane	ហ	n 9	79	19	Π9
sylinaring 6 U	cls-1,3-Dichloropropene	S	19	n 9)))	□9
schloromethane 5 6U	Trichloroethene	2	∩9	η9	Ω9	Ω9
cochloromethane 5 6 U <	Berzene	သ	∩9	Π9	Π9	∩9
dehickborderation 5 6 U	Dibromochloromethane	ഗ	∩9		N 9	N 9
3-Dichloropropene 5 6U	1,1,2-Trichloroethane	ß	∩ 9		0.9	N 9
væthykninglicher 12 U 11 U 11 U 12 U 12 U 11 U 11 U 12 U 12 U 12 U 12 U 12 U 12 U 6	trans-1,3-Dichloropropene	ທ ຸ	⊃: 9		∩ 9	
xm 5 6U 6U 6 none none 6U 6U 6U 6U 57 1 57 1 57 1 57 1 59 60 <th>2-Chloroethylvinylether</th> <th>9</th> <th>12 U</th> <th></th> <th>10</th> <th></th>	2-Chloroethylvinylether	9	12 U		10	
none 50 61 U 57 U 57 U 59 U yl-2-pentanone 50 61 U 57 U 57 U 59 U orcethene 5 6 U 6 U 6 U 6 U 6 U Tetrachloroethane 5 6 U 6 U 6 U 6 U 6 U enzene 5 6 U 6 U 6 U 6 U 6 U 6 U 6 U kene 5 6 U<	Bromoform	ស	⊃ ; 9		∩ 9	
yi = 2 - pentanone 50 61 U 57 U 57 U 59 U 60 U	2-Hexanone	2			27 U	
coroethene 5 6U	4-Methyl-2-pentanone	2			57 U	
Forescription of the control of the	etrachioroethene	io i) 9	
erzene 5 6U	1,1,2,2—1 edaCHOroemane Totroco	O 4			- - - - -	
erizene 5 6U		י ס	_	0	ကြင်	
rzene 55 6U	Chlorobenzene	ග		∩ : 9	∩ ; 9	
tene 6U	Ethyberzene	S.	_	∩ 9	∩ 9	
lene 5 6U	Styrene	ស		∩9	∩ 9	
oroberzene 5 6U 6U 6U 6U 6	m/p-Xylene	S.	_	N9	Π9	
oroberzene 5 6U 6U 6U	o-Xylene	ည	∩ 9	N9	Π9	
	1,3-Dichlorobenzene	S	∩ 9	09	09	_

Sample ID:	RB-HW-	RB-HW-	RB-HW-	RB~HW-
	AB/- SS1	AB7- SS2	AB8- SS1	AB8- SS2
Time:	1400	1410	1320	1320
Date Sampled:	01/23/90	01/23/90	01/22/90	01/22/90
Usite Received:	01/24/90	01/24/90	01/23/90	01/23/90
% Moisture:	48	13	12	15
Lab ID:	1633.07	1633.08	1630.07	1630.08
Matrix:	Soil	Soil	Soil	Soil
Parameter (Voletties	CRDL ug/kg			
1,2/1,4-Dichlorobenzene	5 8 0	0 9	0.9	Π9

Footnotes:

B -- the analyte is found in the associated blank as well as in the sample.

D--result is calculated from a greater dilution than the primary analysis.

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- AB9-	RB-HW- AB9-	RB-HW- AB10-	RB-HW- AB10- SS2
Time: Date Sampled: Date Received: % Moisture:		01/23/90 01/23/90 01/24/90	352 1040 01/23/90 01/24/90	0830 01/23/90 01/24/90 16	0945 01/23/90 01/24/90
Lab ID:		1633.09	1633.10	1633.11	1633.12
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
Chloromethane	10	12 U	12 U	12 U	12 U
Bromomethane Vinyl Chlorida	6 5	12 U	12 C	- 4 - 4 - 5 - 6 - 7	2 4 2 5
Chloroethane	5 5	2 C	15 U	12 U	12 U
Methylene Chloride	ß	13 UJ	11 CC	22 UJ	14 U
Acrolein	9	12 U	12 U	12 U	12 U
Acetone	5	<u>8</u>	<u>8</u>	100 100 100 100 100 100 100 100 100 100	96
Actylonimie Carbon Disutifida	<u> </u>	5 C	12 U	12 C	12 U
Trichlorofluoromethane	5	12 U	12 U	12 U	12 U
1,1-Dichloroethene	ĸ	⊃	⊃; 9	⊃: 9	∩ 9
1,1-Dichloroethane	in u	⊃ = •) 9) = 9) (9)
))) 9) ⊃ 9	9 9
1,2-Dichloroethane	, ro	∩9	0.9	η9	Π9
2-Butanone	6	100 UJ	100 UJ	100 UJ	100 L
1,1,1-Trichloroethane	ις,	Π9	Π9	Ω9	Π9
Carbon Tetrachloride	ιΩ	∩9	∩ 9	N 9	
Vinyl Acetate	8	∩ 09	O 09	∩ 09	
Bromodichloromethane	ស	0.9	N9	n 9	

Sample ID:		RB-HW- AB9-	RB-HW- AB9-	RB-HW- AB10-	RB-HW- AB10-
Time: Date Sampled: Date Received: % Moisture:		551 1040 01/23/90 01/24/90	552 1040 01/23/90 01/24/90	0930 01/23/90 01/24/90	0945 01/23/90 01/24/90
Lab ID:		1633.09	1633.10	1633.11	1633.12
Matrix:		Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	ស	0.9	N 9	n 9	N 9
cis-1,3-Dichloropropene	ល រ	٦: 9:	7 9) 9	79
Trichloroethene Benzene	ט ע) 9) 9) ()	9 9
Dibromochloromethane	<u>က</u>) ⊃ 9)) 9)) 9	N9
1,1,2-Trichloroethane	2	Ω9		η 9	N 9
trans-1,3-Dichloropropene	က (⊃ ;) 9	
2-Chloroethylvinylether	1 0	12 U		12D	
2-Hexanone	° 03) 9 9	∩ 0 0 0) ()	7 09 09
4-Methyl-2-pentanone	20	∩ 09		N 09	
Tetrachloroethene	ß	⊃ :		n 9	n 9 •
1,1,2,2—Tetrachloroethane	io i	n : •		⊃ : •	
Toluene	S	9	0 9 0 9) 9	
Chlorobenzene	ı N	∩ : 9	⊃: 9) 9	
Ethytberzene	ا م <u>ا</u>	9) 9	9 0	
Styrene	Q	O 9	0.9	9	
m/p – Xylene	וטו) 9	⊃ : • •	⊃ : 9	
o-Xylene	(∩ ; 9) (2)) (0)	09
1,3-Dichloroberzene	ĸ	O 9	09	0 9	∩ 9

Sample ID:	RB-HW-	RB-HW-	RB-HW-	RB-HW-
	- AB9-	AB9	AB10-	AB10-
i	SS1	SS 2	SS1	SS2
Time:	1040	1040 640	0830	0945
Date Sampled:	01/23/90	01/23/90	01/23/90	01/23/90
Date Received:	01/24/90	01/24/90	01/24/90	01/24/90
% Moisture:	17	17	16	16
Lab ID:	1633.09	1633.10	1633.11	1633.12
Matrix:	Soil	Soil	Soil	Soil
Parameter CRDL Volatiles ug/kg				

Footnotes:

B--the analyte is found in the associated blank as well as in the sample. D--result is calculated from a greater dilution than the primary analysis.

D 9

N9

N9

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J--the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

1,2/1,4-Dichloroberzene

	Sample ID:		RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
	Time: Date Sampled: Date R3celved: % Moisture:		1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90 11	0930 01/24/90 01/25/90 16	1030 01/24/90 01/25/90 14
	Lab ID:		1643.07	1643.08	1636.01	1636.02
	Matrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter Volatiles	CRDL ug/kg				
F-6:	Chloromethane	0	11 0	11 0	12 U	12 J
2	Bromomethane	9	1	.	12 U	12.
	Vinyl Chloride Chloroethane	<u> </u>	= = = = =	7 7 7	12 U	2 4 2 4 3 4
	Methylene Chloride		≘ •	M E	1 5	21 5
	Acrolein	9	1 C	110	12 U	12 J
	Acetone	9	180 U	100 UJ	100 UJ	100 J
	Acrylonitrile	5 5	1 ; 0 ;) 	120	25 25 25 25 25 25 25 25 25 25 25 25 25 2
	Carbon Disuffide Trichloroff Locomethane	5 5	= = = = =	5 5	2 Z C	2 C
	1,1-Dichloroethene	, ro	⊃ 9	N9	η9	P 9
	1,1-Dichloroethane	S	Π9	N9	n 9	۲9
	trans-1,2-Dichloroethene	S	∩ 9	0.9	_	6 J
	Chloroform	ß	0 9	09	0 9	9 9
	1,2-Dichloroethane	S	∩ 9	Π9	N 9	ſ9
	2-Butanone	<u>\$</u>	115 U	100 1.00		116 J
	1,1,1-Trichloroethane	သ	∩ 9	Π9	N 9	Р 9
	Carbon Tetrachloride	3	∩9	0 9	∩ 9	f 9
	Vinyl Acetate	2	92 N	26 U	∩ 09	58 J
	Bromodichloromethane	ഗ	D 9	0 9	0 9	<u>9</u>

	Sample ID:		RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
	Time: Date Sampled: Date Received: % Moisture:		1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90 11	0930 01/24/90 01/25/90 16	1030 01/24/90 01/25/90 14
	Lab ID:		1643.07	1643.08	1636.01	1636.02
	Matrix:		Soil	Soil	Soil A	Soil
	Parameter Volatiles	CRDL ug/kg				
E-63	1,2-Dichloropropane	ß	N9	0.9	N9	ſ 9
3	cis-1,3-Dichloropropene	ιΩ	N 9	_	Π9	f 9
	Trichloroethene	ı ما	∩9) 9	٦ 9
	Benzene Dibromochloromethane	ດ ທ) 9) 9) 9	9
	1,1,2—Trichloroethane	O) 9	-) 9	9 6
	trans-1,3-Dichloropropene	S	09	N9	Ω9	Г9
	2-ChloroethyMinylether	9	11 U	110	12 U	12 J
	Bromoform	S	0 9	N9	N 9	Г9
	2-Hexanone	ତ୍ର (⊃ : 95 20 :	⊃: 89:	28 J
	4-Methyl-2-pentanone Tetrachiocophoge	ନ ^ଜ	0 /s) 96 97	09	. 83 - 83
	1.1.2.2—Tetrachloroethane	o ro	o ⊃ • •			9 6
	Toluene	, ro	_) C	09	Г9
	Chlorobenzene	S	_	09	N 9	f 9
	Ethytberzene	\$	∩ 9	09	_	f 9
	Styrene	ß	_	Π9	∩9	6 J
	m/pXylene	တ	Π9	Π9	∩9	f 9
	o-Xylene	2		Π9	Π9	ſ9
	1,3-Dichlorobenzene	2	_	Π9	Π9	f 9

Sample ID:	RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
Time: Date Sampled: Date Received:	1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90 11	0930 01/24/90 01/25/90	1030 01/24/90 01/25/90
Lab ID:	1643.07	1643.08	1636.01	1636.02
Matrix:	Soil	Soil	Soil	V IIOS
Parameter Volatiles	Nominal CRDL ug/kg			

Footnotes:

B--the analyte is found in the associated blank as well as in the sample. D--result is calculated from a greater dilution than the primary analysis. U--the compound was analyzed for, but not detected. J--the value reported is an estimated concentration.

1,2/1,4-Dichlorobenzene

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	Sample ID:		RBHW-	RB-HW-	RB-HW-	RB-HW-
			AB13-SS5	AB13-SS7	AB14-SS2	AB14-SS7
	Time:		1350	1415	1410	1520
	Date Sampled:		01/24/90	01/24/90	01/25/90	01/25/90
	Date Received:		01/25/90	01/25/90	01/26/90	01/26/90
	% Moisture:		 91	9	12	10
	Lab ID:		1636.03	1636.04	1637.01	1637.02
	•		⋖	∢ ;	∢ ;	∢
	Matrix:	lecimoN	Soil	Soil	Soil	Soil
	Parameter	CRDL				
	Volatiles	ug/kg				
_ ^ ^	Chloromethane	10	12 U	1 0	1357 U	11 0
-	Bromomethane	5	12 U	110	1357 U	10 ==
	Vinyl Chloride	9	12 U	11 0		110
	Chloroethane	9	12 U	110		11 U
	Methylene_Chloride	ιO	37 UJ	27 UJ	1300 UJ	7 0 €
	Acrolein	9	12 U	11 C		
	Acetone	5	100 UJ	100 UJ		
	Acrylonitrile	9	12 U	11 C		
	Carbon Disulfide	9	12 U	11 C	1357 U	11 U
	Trichlorofluoromethane	9	12 U	11 U		
	1,1-Dichloroethene	2	N 9	9 2	_	∩9
	1,1-Dichloroethane	S	Π9	9 N	0 679 U	Π9
	trans-1,2-Dichloroethene	2	∩ 9	20	O 629	∩ 9
	Chloroform	ഗ	19	5 U	O 629	Ω9
	1,2-Dichloroethane	S	∩9	20	0 679 U	0 9
	2-Butanone	5	119 U	10e U	13571 U	111 U
	1,1,1-Trichloroethane	2	∩9	9	0 679 U	N 9
	Carbon Tetrachloride	ຜ	∩9	09	O 629	Π9
	Vinyl Acetate	20	∩ 09	53 U	0 9829	56 U
	Bromodichloromethane	S	N 9	20	O 679	N 9

	Sample ID:		RB-HW- AB13-SS5	RB-HW- AB13-SS7	RB-HW- AB14-SS2	RB-HW- AB14-SS7
	Time: Date Sampled: Date Received:		1350 01/24/90 01/25/90 16	1415 01/24/90 01/25/90 6	1410 01/25/90 01/26/90	1520 01/25/90 01/26/90 10
	Lab ID:		1636.03	1636.04 ▲	1637.01 A	1637.02 A
	Matrix:	lacimoN	Soil	Sol	Soil	Soil
	Parameter Volatiles	CRDL ug/kg				
E #4	1,2-Dichloropropane	ιΩ	0 9	50	U 679	0 9
•	cis-1,3-Dichloropropene	G	⊃ :	D :	U 679	79
	Trichloroethene Remens	יט עי	⊃ = •	⊃ :: ::	679 U 15000) (၁)
	Dibromochloromethane	.)) ()	50	N 629	N 9
	1,1,2-Trichloroethane	· w	∩9	2 U	O 679	N 9
	trans-1,3-Dichloropropene	S	0 9		0 679 U	⊃ : 9 :
	2-Chloroethylvinylether	5	12 U	11 C	1357 U)
	Bromoform	ស	၁	50	0.679 0.878	9 P
	Z-rrexanone 4-Methvl-2-pentanone	3 6	- - - - - - - - - - - - - - - - - - -	2 2 2 3 3	9269 0 9879	
	Tetrachloroethere	က	D 9	9 n	U 679	0.9
	1,1,2,2—Tetrachloroethane	S	Ω9	5 U	O 679	
	Toluene	S	N 9	2 N	O 679	Π9
	Chlorobenzene	ĸ	0 9	20	O 679	Π9
	Ethytberzene	ιΩ	∩9	9 N	15000	
	Styrene	ß	∩ 9	5 U	0 629 0	Ω9
	m/p-Xylene	5	∩9	90	15000	
	o-Xylene	S	η9	2 N	27000	Π9
	1,3-Dichloroberzene	S	0 9	90	0 629 n	Π9

Sample ID:	RB-HW- AB13-SS5	•	RB-HW- AB13-SS7	RB-HW- AB14-SS2	RB-HW- AB14-SS7
Time: Date Sampled: Date Received: % Moisture:	1350 01/24/90 01/25/90 16	350 4/90 5/90 16	1415 01/24/90 01/25/90 6	1410 01/25/90 01/26/90 12	1520 01/25/90 01/26/90 10
Lab ID:	1636.03	3.03	1636.04	1637.01	1637.02
Matrix:		Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2/1,4-Dichlorobenzene	S.	N 9	5 U	U 679	n 9

Footnotes:

E-67

B--the analyte is found in the associated blank as well as in the sample. D--result is calculated from a greater dilution than the primary analysis.

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

	Sample ID:		RB-HW- AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
	Time: Date Sampled: Date Received: % Moisture:		1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90 12	1400 01/29/90 01/30/90 12
	Lab ID:		1637.04	1637.05	1643.04	1643.05
	Matrix:	lacimon	Soil	Soil	Soil	Soil
	Parameter Volatiles	CRDL ug/kg				
F 65	Chloromethane	0 0	510	= : = :	= ;	11:
	Bromomethane Vinvi Chloride	5 5		- - -	- - -	===
	Chloroethane	10	51 U	110	110	1 C
	Methylene_Chloride	က င ်	49 UJ	42 UJ	= = = = = = = = = = = = = = = = = = =	10 UJ
	Acetone	5	9.049		100 UJ	100 UJ
	Acrylonitrile	10	51 U	110	1 C	1 C
	Carbon Disulfide	\$	51 12 13	÷ ÷	÷	= = = = = = = = = = = = = = = = = = = =
	1.1-Dichloroethene	<u>5</u> സ	2 ∩ 8 0 8 0	∩ 9	19	N9
	1,1-Dichloroethane	သ	26 U	n 9	n 9	9
	trans-1,2-Dichloroethene	S	56 U	Ŋ9 	⊃ : 9	⊃ : 9
	Chloroform	Ω.	Se ∪	∩ 9	∩ 9 •	N 9
	1,2-Dichloroethane	S	Se ∪	∩ 9	၁	ກ _ອ
	2-Butanone	5	100 U	111 C	100 CT	100 UJ
	1,1,1—Trichloroethane	ß	Se ∪	∩ 9	∩ °	∩ 9
	Carbon Tetrachloride	သ	5 9 €	∩ 9) 9	ာ ဗု
	Vinyl Acetate	S	257 U	26 U	0 29	57 U
	Bromodichloromethane	ß	26 U	0 9	0.9	0.9

Time: 1980 1150 1345 1400		Sample ID:		RB-HW- AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
Lab ID: A A A A A A A A A A A A A A A A A A A	-	Time: Date Sampled: Date Received:		1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90 12	1400 01/29/90 01/30/90 12
Soil Soil Soil Soil Soil Soil Soil Soil		Lab ID:		1637.04	1637.05	1643.04	1643.05
Parameter CRIMINAL Volatiles CRIMINAL Volatiles Ug/kg 1,2-Dichloropropane 5 26 U 6 U		Matrix:	Jacimon	Soil	So <u>i</u>	Soil	Soil
1,2—Dichloropropane 5 26 U 6 U </th <th></th> <th>Parameter Volatiles</th> <td>CRDL ug/kg</td> <td></td> <td></td> <td></td> <td></td>		Parameter Volatiles	CRDL ug/kg				
55 26 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6		1,2-Dichloropropane	S		0.9	Nº	n e
5 26 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6		cis-1,3-Dichloropropene	יט ת) - 9	⊃ = •	⊃ •
5 26 U 6		Berzene	o ro		r ⊃) 9	9 9
5 26U 6U 6		Dibromochloromethane	S		N 9	N 9	N 9
5 26 U 6 U 11 U 11 U 11 U 11 U 11 U 11 U		1,1,2-Trichloroethane	တ		09		
inylether 10 51 U 11 U 11 U 11 U 11 U 11 U 11 U 1		trans-1,3-Dichloropropene	S.		19		⊃ :
50 257 U 56 U 6 U 6 U 6 U 57 U 57 U 57 U 57		2-Chloroethylvinylether	6 ,) 		
So 257 U 56 U 57 U 57 U 57 U 57 U 57 U 57 U	J	Bromoform 2Hevenone	ა წ		0.0		
Independent of the control of the co	. ~	4-Methyl-2-pentanone	3 6		? 28 C 28 C		_
Noroethane 5 26 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6		Tetrachloroethene	ις,		N 9		
55 26U 6U 6		1,1,2,2-Tetrachloroethane	S.		Ω9		_
5 26U 6U 6	-	Toluene	က		Ω9		_
B 5 250 6U 6U 6U 5 26 U 6U 6U 6U 5 26 U 6U 6U 6U 3berzene 5 26 U 6U 6U 6U		Chlorobenzene	S		0 9		_
5 26U 6U 6		Ethylberzene	ß	250	Ω9		
5 26 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6 U 6		Styrene	ß		∩9	Π9	_
Sherzene	_	m/p-Xylene	ß		∩9	N 9	
5 26U 6U 6U 6U	_	o-Xylene	ις,		Π9	Π9	_
	•	1,3-Dichloroberzene	2		∩9	∩ 9	_

Sample ID:	RB-HW- AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
Time: Date Sampled: Date Received: % Moisture:	1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90	1400 01/29/90 01/30/90 12
Lab ID:	1637.04	1637.05	1643.04	1643.05
Matrix:		Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg			

Footnotes:

B--the analyte is found in the associated blank as well as in the sample. D--result is calculated from a greater dilution than the primary analysis. J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

1,2/1,4-Dichloroberzene

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	Sample ID:		RB-HW- MW5-SS2	RB-HW- MW5-SS3	RB-HW- MW6-SS2	RB-HW- MW6-SS3
	Time: Date Sampled: Date Received: % Moisture:		0945 01/31/90 02/01/90 14	1000 01/31/90 02/01/90 10	1000 01/30/90 01/31/90 12	1030 01/30/90 01/31/90 12
	Lab ID:		1647.01	1647.02	1645.01	1645.02
	Matrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter Volatiles	CRDL ug/kg				
E. 74	Chloromethane	0	12 U	1389 U	11 U	11 0
	Bromomethane	1	12 U	1389 U	11 C	1 1 1
	Vinyl Chloride	9	12 U	1389 U	⊃ :	: 20 2
	Chloroethane	6	12 U	1389 U	⊃ : = :	⊃ ;
	Methylene_Chloride	w č	12 13 13 13	1800 0.3	3 =	G :
	Acetone	5 6	10 OL	13889 U	. 6 . 3	18 U
	Acrylonitrile	9	12 U	1389 U	11 U	11 U
	Carbon Disulfide	9	12 U	1389 U	11 U	11 U
	Trichlorofluoromethane	9	12 U	1389 U	11 U	110
	1,1-Dichloroethene	S	∩ 9	694 □ 1	⊃ :	7
	1,1-Dichloroethane	S.	⊃ :	98 ⊃ :))	09
	trans-1,2-Dichloroethene	S.	∩ 9	26 0) 9	1000 D
	Chloroform	S	⊃ ø	694 U	09	09
	1,2-Dichloroethane	2	∩9	694 U	∩9	η9
	2-Butanone	5	100 UJ	13889 U	100 UJ	100 t
	1,1,1 - Trichloroethane	ß	∩9	694 U	Π9	N 9
	Carbon Tetrachloride	2	∩9	694 U	Π9	Π9
	Vinyl Acetate	25	28 ∩	6944 U	0 ZS	0 72 0
	Bromodichloromethane	S	∩ 9	694 U	0.9	0 9

Sample ID:		RB-HW- MW5-SS2	RB-HW- MW5-SS3	RB-HW- MW6-SS2	RB-HW- MW6-SS3
Time: Date Sampled: Date Received:		0945 01/31/90 02/01/90 14	1000 01/31/90 02/01/90 10	1000 01/30/90 01/31/90 12	1030 01/30/90 01/31/90 12
Lab ID:		1647.01	1647.02	1645.01	1645.02
Matrix:	- Taciacy	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	ß	0.9	694 U	19	19
cis-1,3-Dichloropropene	ro n) 9	2 8 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	⊃ = •	6 C
inchioroeujene Benzene	o vo) • •	2 48 2 3 ⊃) 9	⊃ 9
Dibromochloromethane	· ω	∩9	694 U	∩ 9	Π9
1,1,2-Trichloroethane	O.	0 9	D ₹	0 9	N 9
trans1,3Dichloropropene	ro ċ	.	694 U	0.5	9 =
Z-Choroemyrvinyiemer Bromoform	<u>5</u> w	0 0 0 0		n) - 9
2-Hexanone	20	58 U	6944 U	0 <i>2</i> 9	0 72 0
4-Methyl-2-pentanone	20	 28 ∪ 28 ∪	6944 U	57 U	0 73 U 73
Tetrachloroethene	KO K	⊃ : • •	694 U) = 4 9)
1, 1,2,2— i etrachioroethane Tokiene	טינט) <u> </u>) 150 150 150 150 150 150 150 150 150 150) ()	- -
Chlorobenzene	, ro))))	D 169	19	N 9
Ethylberzene	S.	_	7400	Π9	Π9
Styrene	2	0 9	094 U	N 9	
m/p-Xylene	ω	Π9	1900	ာ : 9	
o-Xylene	ß	Ω9	2000	∩ : 9	
1,3-Dichloroberzene	က	Π9	694 U	0 9	Ω9

Sample ID:	RB-HW- MW5-SS2	RB-HW- MW5-SS3	RB-HW- MW6-SS2	RB-HW- MW6-SS3
Time: Date Sampled: Date Received: % Moisture:	0945 01/31/90 02/01/90 14	1000 01/31/90 02/01/90 10	1000 01/30/90 01/31/90 12	1030 01/30/90 01/31/90 12
Lab ID:	1647.01	1647.02	1645.01	1645.02
Matrix:	Soil	Soil	Soil	Soil
Parameter CRDL Volatiles ug/kg	iinai JAg			

Footnotes:

B -- the analyte is found in the associated blank as well as in the sample. D--result is calculated from a greater dilution than the primary analysis. J-- the value reported is an estimated concentration. U-- the compound was analyzed for, but not detected.

1,2/1,4-Dichlorobenze

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Sample ID:		RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB-HW- MW8-SS2	RB-HW- MW8-SS3
Time: Date Sampled: Date Received: % Moisture:		1310 01/30/90 01/31/90 15	1330 01/30/90 01/31/90 20	1510 01/30/90 01/31/90 13	1520 01/30/90 01/31/90 21
Lab ID:		1645.03	1645.04	1645.05	1645.06
Matrix:	Nonimon	Soil	Soil	Soil	Soil
Parameter Vokatiles	CRDL ug/kg				
Chloromethane	10	1365 U	13 U	11 U	13 U
Bromomethane	10	1365 U	13 U	11 U	13 U
Vinyl Chloride	10	1365 U	13 U	11 U	13 U
Chloroethane	9	1365 U	13 U	1 C	13 U
Methylene_Chloride	ß	1900 UJ	8 17 8	₽	100 tJ
Acrolein	9	1365 U	13 U	11 C	13 U
Acetone	5	13647 U	100 UJ	100 LJ	100 UJ
Acrylonitrile	9	1365 U	13 U	11 U	13 U
Carbon Disulfide	10	1365 U	13 U	11 U	13 U
Trichlorofluoromethane	9	1365 U	13 U	11 C	13 U
1,1-Dichloroethene	S	∩ 289 985 ∩	∩ 9	⊃: 9	∩ 9
1,1-Dichloroethane	2	O 289	∩ 9	∩ ; 9	N 9
trans-1,2-Dichloroethene	ည	∩ æ9	∩ 9	n 9	09
Chloroform	ည	∩ 28 9	Π9	Π9	Π9
1,2-Dichloroethane	S.		Π9	N9	Π9
2-Butanone	5	13647 U	100 UJ	100 UJ	100 UJ
1,1,1-Trichloroethane	ည		Π9	Π9	Π9
Carbon Tetrachloride	വ	088 088	N 9	Π9	N 9
Vinyl Acetate	20	6824 U	63 U	24 U	63 U
Bromodichloromethane	ស	082 U	09	0 9	0.9

Sample ID:		RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB-HW- MW8-SS2	RB-HW-
Time: Date Sampled: Date Received: % Moisture:		1310 01/30/90 01/31/90 15	1330 01/30/90 01/31/90 20	1510 01/30/90 01/31/90 13	1520 01/30/90 01/31/90 21
Lab ID:		1645.03	1645.04	1645.05	1645.06
Matrix:	No.	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	ស	0 Z89	Ω9	N 9	0.9
cis-1,3-Dichloropropene	i Gl	0 289 0 289))	Ŋ9 	n 9
Trichloroethene Bergana	IO II	⊃ 885 788 788 788 788 788 788 788 788 788	0 9 7 0 0) 9) (
Dibromochloromethane	က က	2100 682 U) (2)	⊃ ⊃ • •	ດ
1,1,2-Trichloroethane	S	0 Z89	Π9	N 9	N 9
trans-1,3-Dichloropropene	ស	085 U	N 9	∩9 :	Π9
2-Chloroethykinylether	0	1365 U	13 U	11 C	13 U
2-Hexanone	20 2	6824 U	ာ က ဗ	6 U 57 U	ာ အ အ
4-Methyl-2-pentanone	22	6824 U	03 U		63 U
Tetrachloroethene	សេ	D : 088	0 9		N 9
1, 1, 2, 2 — 1 eu achior deutane Tobleme	ט מ	⊃ = 88 88 88 88) - 9 v		9
Chlomberrana	י ע	2 S	7 T		
Ethybergene	0	0 80 80 80) 9	o ⊃ • •) 9
Styrene	2	0 Z89	Π9		
m/p-Xylene	ഹ	1800	N 9	_	
o-Xylene	2	1200	Π9		
1,3-Dichlorobenzene	လ	∩ Z89	0 9	N 9	Πe

Sample ID:	RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB-HW- MW8-SS2	RB~HW- MW8-SS3
Time: Date Sampled: Date Received:	1310 01/30/90 01/31/90	1330 01/30/90 01/31/90	1510 01/30/90 01/31/90	1520 01/30/90 01/31/90
:Ol qen	1645.03	1645.04	1645.05	1645.06
Matrix:	Soil	Soil	Soil	Soil
Parameter CRDL Volatiles ug/kg	- J D			

Footnotes:

B -- the analyte is found in the associated blank as well as in the sample. D -- result is calculated from a greater dilution than the primary analysis.

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J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

1,2/1,4-Dichlorobenzene

Sample ID:		RB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
Time: Date Sampled: Date Received: % Moisture:		950 02/09/90 02/13/90 14	1000 02/09/90 02/13/90 19	1130 01/25/90 01/26/90 14	1530 01/25/90 01/26/90 14
Lab ID:		1665.03	1665.04	1637.06	1637.03
Matrix:	Nomimon	Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
Chloromethane	10	12 U	12 U	11 U	12 U
Bromomethane Vinyl Chloride	+ +	5 5 ⊃ 5 5	12 U	*	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Chloroethane	5 5	12 U	12 0	1 C	12 U
Methylene Chloride	ن	8 N	CU 2	15 UJ	10 U
Acrolein	9	12 U	12 U	# C	12 U
Acetone Acetonitrie	8 5 5	180 UJ	180 1 2 1	9 10 10 10 10 10 10 10 10 10 10 10 10 10	12 U
Carbon Disuffide	5 5	12 U	12 U	110	12 U
Trichlorofluoromethane	10	12 U	12 U	# D	12 U
1,1-Dichloroethene	ro i	79	∩ :	∩ : •) 9
1,1-Dichloroethane	. .) ()		၁ ဖ အ) 9
Chloroform	O))) 9	19	09	N9
1,2-Dichloroethane	· w	η9	0.9	Ω9	Ω9
2-Butanone	5	Ω9	N 9	115 U	116 U
1,1,1-Trichloroethane	5	Π9	09	Ω9	Π9
Carbon Tetrachloride	က	∩9	N 9	N9	∩ 9 9
Vinyl Acetate	20	28 ∩	62 U	57 U	28 ∪ 28 ∪
Bromodichloromethane	ĸ	∩ 9	∩ 9	09	N 9

Sample ID:		RB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
Time: Date Sampled: Date Received: % Moisture:		950 02/09/90 02/13/90 14	1000 02/09/90 02/13/90 19	1130 01/25/90 01/26/90 14	1530 01/25/90 01/26/90
Lab ID:		1665.03	1665.04	1637.06	1637.03
Matrix:		Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL ug/kg				
1,2-Dichloropropane	S	n 9	0.9	n 9	N9
cis-1,3-Dichloropropene	יט ע	⊃ = •	⊃ = •	6 U	O +
	o ro	o ⊃ o	∩ 9	N 9	2.5
Dibromochloromethane	ß	N9	Π9	Ω9	Ω9
1,1,2-Trichloroethane	9	Π9	∩9	⊃ :	⊃ ;
trans-1,3-Dichloropropene	ນ ())) (O ;	⊃ ;
2-Chloroethylvinylether Bromoform	5 הינ	_ 5 _ 5 _ 5	⊃ ZI ⊃ 9) -) 9 9
2-Hexanone	. 26	2 S U	62 U	57 U	28 U
4-Methyl-2-pentanone	20	28 U	62 U	27 U	28 U
Tetrachloroethene	S	Π9	∩ 9		⊃ ;
1,1,2,2-Tetrachloroethane	<u>က</u>	∩ :		⊃ : •	9
Toluene	S	0.9			j : ×
Chlorobenzene	S	Ω9	n 9) (
Ethylberzene	သ	∩ 9	∩°		∩ 9 •
Styrene	Ŋ	∩ 9	∩9	_	∩9
m/p-Xylene	S	Π9	0 9		N 9
o-Xylene	ß	∩ 9	∩ 9	∩ ; 9	0 9 9
1,3-Dichlorobenzene	က	0 9	n 9	_	N 9

Sample ID:	~	RB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
Time: Date Sampled: Date Received: % Moisture:		950 02/09/90 02/13/90 14	1000 02/09/90 02/13/90 19	1130 01/25/90 01/26/90 14	1530 01/25/90 01/26/90 14
Lab ID:		1665.03	1665.04	1637.06	1637.03
Matrix:		Soil	Soil	Soil	Soil
Parameter Volatiles	CRDL Ug/kg				
1,2/1,4-Dichlorobenzene	လ	n 9	0.9	09	Π9

Footnotes:

B--the analyte is found in the associated blank as well as in the sample.

D--result is calculated from a greater dilution than the primary analysis.

J--the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

RB-HW- D7	1320 01/30/90 01/31/90 20	1645.08	Soil	######################################
RB-HW- D6	1020 01/30/90 01/31/90 13	1645.07	Soil	######################################
			Nominal CRDL ug/kg	5555m58555mmmmm8mm8m
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix: Parameter Volatiles	Chloromethane Bromomethane Vinyl Chloride Chloroethane Methylene_Chloride Acrolein Acrolein Acrolein Acrylonitrile Carbon Disulfide Trichloroffuoromethane 1,1-Dichloroethane trans-1,2-Dichloroethane Chloroform 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Vinyl Acetate Bromodichloromethane
				E-80

RB-HW- D7	1320 01/30/90 .01/31/90 20	1645.08	Soil		ne	Ω9	80	92	Π9	Π9	Ω9	13 U	Π9	63 U	63 U	Π9	Π9	Π9	Π9	۲9	Π9	ω	10	N 9
RB-HW- D6	1020 01/30/90 01/31/90 13	1645.07	Soil		0 9	Π9	Π9	Π9	Π9	Π9	Π9	11 U	N 9	0 72 0	0 VS	N 9	Ω9	N 9	0.9	Ω9	N 9	N 9	0 9	Π9
			Nominal	CADL ug/kg	S	ß	S.		2	သ	S	9	ß	20	20	2	2	S.	Ω.	r.	ιΩ	ß	S	S
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix:	rarameter Vokatiles	1,2-Dichloropropane	cis-1,3-Dichloropropene	Trichloroethene	Berzene	Dibromochloromethane	1,1,2-Trichloroethane	trans-1,3-Dichloropropene	2-Chloroethylvinylether	Bromoform	2-Hexanone	4-Methyl-2-pentanone	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Toluene	Chlorobenzene	Ethylberzene	Styrene	m/p-Xylene	o-Xylene	1,3-Dichloroberzene
					E-81																			

Sample ID:	RB-HW- D6	RB-HW- D7	
Time: Date Sampled: Date Received: % Moisture:	1020 01/30/90 01/31/90 13	1320 01/30/90 01/31/90 20	
Lab ID:	1645.07	1645.08	
Matrix: Nominal	Soil	Soil	

1,2/1,4-Dichlorobenzene

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CRDL ug/kg

Parameter Volatiles

Footnotes:

B--the analyte is found in the associated blank as well as in the sample.

D -- result is calculated from a greater dilution than the primary analysis.

J -- the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

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	Sample ID:		RB-HW- AB1-	RB-HW- AB1-	RB-HW- AB2-	RB-HW- AB2-
	Time: Date Sampled: Date Received: % Moisture:		551 1000 01/22/90 01/23/90 15	552 1000 01/22/90 01/23/90	551 1500 01/22/90 01/23/90 13	552 1500 01/22/90 01/23/90
	Lab ID:		1630.01	1630.02	1630.03	1630.04
	Matrix:	Nonimon	Soil	Soil	Soil	Soil
	Parameter Semi Veletion	CRDL				
_	Serii – Vosuies N – Nitroso – Dimethylamine	330 330 330	390 U	380 U	380 U	380 U
	Phenol	330	330 U	380 U	J 086	7 08E
	bis(2-Chloroethyt)ether	8	∩ = 086 866	080 880 880 880 880 880 880 880 880 880	⊃ = 086 88	D = 086 866
	2-Criorophenoi 1.3-Dichloroberzene	8	∩ 066 666	7 086 380 80	⊃ ⊃ 386 87	7 08E
	1,4-Dichloroberzene	330	390 U	380 U	380 U	380 ∪
	Berzyl Alcohol	330	39) U	380 U	∩ 380 n	380 U
	1,2-Dichloroberzene	88	330 C	⊃ 380 7 080	⊃ : 380 80	⊃ : 086 8
	2-Wethyphenol His/2 chloreleggm: NEther		0 0 C			
	os(z − G iotolsopiopy,)⊏u iei 4 – Methviphenol	300	7 068 330 C	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	⊃ 88 88
	N-Nitroso-Di-n-Propylamine	330	330 U	380 U	380 U	380 ∪
	Hexachloroethane	330	330 C	380 n	⊃ : 086 8	⊃ 380 380 380
	Nitroberzene	9 8 8 8	0.068	⊃ : 286 87	D 25	2 C C C C C C C C C C C C C C C C C C C
	Isophorone	9 8 8	0 200	⊋ 28 88	0 200	2000
	2 - Nitrophenol		0 = 068 0 068 0 068		0 000 0	
	bis(9-Chloroethoxy)methane	9	380	380 0) 0 0 0 0 0 0 0 0 0 0 0 0 0	0 08c 380 C
	2.4-Dichlorophanol	99	300 C	∩ 08C	380 □	380 ∪
	Berzoic Acid	1600	1900 U	1900 U	1800 U	1800 U
	1,2,4-Trichlorobenzene	330	330 N	380 ∩	380 U	380 U

Sample ID:		RB-HW- AB1-	RB-HW- AB1-	RB-HW- AB2- SS1	RB-HW- AB2- SS2
Time: Date Sampled: Date Received: % Moisture:		001 001/22/90 01/23/90 15	332 1000 01/22/90 01/23/90	1500 1500 01/22/90 01/23/90 13	1500 01/22/90 01/23/90 13
Lab ID:		1630.01	1630.02	1630.03	1630.04
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter	CRDL				
		390 U	130 J	1200	1800
4-Chloroaniline	330	O 060	380 U	380 U	380 U
Hexachlorobutadiene	330	330 N	380 U	380 U	380 C
4-Chloro-3-Methylphenol	330	∩ 06E	380 ∪	380 U	380 U
2-Methylnaphthalene	330	330 N	380 ∩	∩ 380 380	⊃ 380 380
Hexachlorocyclopentadiene	990 990	390 U	⊃ 380 3	088 380 €	380 C
2,4,6-Trichlorophenol	330	390 U	380 U	380 U	∩ 086 9
2,4,5-Trichlorophenoi	1600	1900 U	1900 U	1800 U	1800 U
2-Chloronaphthalene	330	330 U	⊃ 380 80	∩ 08c	380 n
2-Nitroaniline	1600	1900 U	1900 U	1800 U	1800 U
Dimethyphthalate	330	330 N	380 U	∩ : 380 80	088 380
Acenaphthylene	330	330 U	380 U	_	∩ 086 380 C
2,6-Dinitrotoluene	330	390 U	380 U	∩ 08c	∩ 086 380
3-Nitroaniline	1600	1900 U	1900 U	_	1800 U
Acenaphthene	330	∩ 068	380 U	_	7 088
2.4-Dinkrophenol	1600	1900 U	1900 U		1800 U
Diberzofuran	330	330 €	380 U	_	380 U
4-Nitrophenol	1600	1900 U	1900 U	1800 U	_
2.4-Dinitrotoluene	330	330 U	380 N	380 U	
Fluorene	330	390 ∪	∩ 08E	380 U	380 U
Diethylphthalate	330	390 U	380 U	380 UJ	_
•					

Sample ID:		RB-HW-	RB-HW- AB1-	RB-HW- AB2-	RB-HW- AB2-
Time: Date Sampled: Date Received: % Moisture:		SS1 1000 01/22/90 01/23/90	552 1000 01/22/90 01/23/90	551 1500 01/22/90 01/23/90 13	552 1500 01/22/90 01/23/90
Lab ID:		1630.01	1630.02	1630.03	1630.04
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL				
 4-Chlorophenyl-phenylether	330 330	390 U	380 U	380 U	380 U
 4-Nitroaniline	000 1	1900 1	1900 U	1800 U	1800 t
A,6-Dinigo-Z-metriyipi errol N-Nitrosodiohenvlamine	26 S	0 068 -	3 08 38 7	∩ 086 380 C	7 08E
4-Bromophenyl-phenylether	330	390 U	380 U	380 U	380 U
Hexachlorobenzene	330	330 U	380 ∩	380 N	380 U
Pentachlorophenol	1600	1900 U	1900 U	1800 U	1800 U
Phenanthrene	330	∩ 06E	380 N	⊃ : æ	⊃ 380 380
Anthracene	330	300 C	380	∩ : 380 88	D 086
Di-n-Butytphthalate	330 330	330 N	380 U	D 088	
Pyrana	99)) (8) (8)	380 C	⊃ 086 380 C	D 086
Butytberzyiphthalate	330	390 U	380 U	380 U	380 U
Berzo(a)Anthracene	330	330 N	380 N	380 ∪	∩ 08c
3,3' - Dichlorobenzidine	099	780 U	770 U	760 U	760 U
Chrysene	330	330 U	380 ∩	∩ 08C	380 U
bis(2-Ethylhexyl)Phthalate	330	330 N	380 U	380 N	380 U
Di-n-octylphthalate	330	330 N	380 U	380 ∪	380 ∪
Berzo(b) Fluoranthene	330	390 U	380 U	380 ∩	380 U
Berzo(k) Fluoranthene	330	330 N	380 U	380 N	380 U
Berzo(a)Pyrene	330	330 N	380 U	380 U	380 U

Sample ID:		RB-HW-	RB-HW-	RB-HW-	RB-HW-
		AB1 - SS1	AB1- SS2	AB2- SS1	AB2- SS2
Time:		1000	1000	1500	1500
Date Sampled:		01/22/90	01/22/90	01/22/90	01/22/90
Date Received:		01/23/90	01/23/90	01/23/90	01/23/90
% Moisture:		15	14	13	13
Lab ID:		1630.01	1630.02	1630.03	1630.04
Matrix:		Soil	Soil	Soil	Soil
Parameter	CRDL				
Semi-volaties Indeno(1,2,3-cd)Pyrene	ug/kg 330	390 U	380 N	380 U	380 13
Dibenz(a,h)Anthracene	330	330 N	380 U	380 U	380 n
Berzo(g,h,i)Perylene	330	390 U	380 U	380 U	380 U

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- AB3-	RB-HW- AB3-	RB-HW- AB4-	RB-HW- AB4-
Time: Date Sampled: Date Recaived: % Moisture:		0835 01/23/90 01/24/90 16	0900 01/23/90 01/24/90	1320 1320 01/23/90 01/24/90	552 1340 01/23/90 01/24/90 13
Lab ID:		1633.01	1633.02	1633.03	1633.04
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL				
N-Nitroso-Dimethylamine	330	390 U	380 U	400 U	380 U
Phenol	330	330 ∩	380 N	700 t	380 U
bis(2-Chloroethyl)ether	330	330 N	380 N	400 N	380 U
2-Chlorophenol	330	330 €	380 U	400 N	380 U
1,3-Dichloroberzene	330	330 N	380 U	400 U	380 ∩
1,4-Dichloroberzene	330	068 330 U	380 U	400 U	∩ 08c
Berzyl Alcohol	330	330 U	380 ∩	400 U	380 U
1,2-Dichloroberzene	330	330 N	380 U	400 U	380 U
2-Methylphenol	35.O	330 N	380 U	400 U	380 ∩
bis(2-chloroisopropyl)Ether	330	330 N	380 U	400 U	380 F
4 - Methylphenol	330 330	330 U	380 N	400 U	380 ∩
N-Nitroso-Di-n-Propylamine	330	330 N	380 ∩	400 U	380 U
Hexachloroethane	330	330 N	380 U	400 U	380 U
Nitrobenzene	330	330 N	380 U	400 U	380 ∪
Isophorone	330	390 U	380 U	400 C	∩ 08c
2-Nitrophenol	330	330 N	380 N	400 U	08s
2,4-Dimethylphenol	330	330 ∩	380 U	400 C	380 ∪
bis(2-Chloroethoxy)methane	330	330 N	380 U	400 U	∩ 08c
2,4-Dichlorophenol	330	390 ∩	380 U	400 U	∩ 08c
Benzoic Acid	1600	1900 U	1800 U	1900 U	1800 U
1,2,4-Trichloroberzene	330	390 U	380 U	400 U	380 U

Sample ID:		RB-HW- AB3-	RB-HW- AB3-	RB-HW- AB4-	RB-HW- AB4-
Time: Date Sampled: Date Received:		SS1 0835 01/23/90 01/24/90 16	SS2 0900 01/23/90 01/24/90	SS1 1320 01/23/90 01/24/90	SS2 1340 01/23/90 01/24/90
Lab ID:		1633.01	1633.02	1633.03	1633.04
Matrix:	- Joine	Soil	Soil	Soil	Soil
Parameter Semi_Voletiles	CRDL				
Naphthalene	000 000 000 000 000 000 000 000 000 00	390 U	380 U	400 U	880
4-Chloroaniline	330	330 U	380 U	400 U	380 U
Hexachlorobutadiene	330	330 C	⊃ : 380 80	400 U	⊃ 086 7
4-Chloro-3-Methyphenol 2-Methyhaohthalene		⊃ ∩ 068 88	⊃ ⊃ 88 88	0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Hexactilorocyclopentadiene	330	OSE	380 U	400 U	D 086
2,4,6-Trichlorophenol	330	330 ח	380 U	400 U	380 U
2,4,5—Trichlorophenol	1600 230	1900 U 2	1800 U	1900 U	1800 U
z-Chloronaphthalene 2-Nitmaniline	08.6 0.09	390 U	980 1800 1	0.00 0.00 0.00	380 0
Dimethylphthalate	330	∩ 06E	∩ 08E	400 U	∩ 08E
Acenaphthylene	330	390 U	380 U	400 U	380 U
2,6-Dinitrotoluene	330	∩ 068	380 n	400 U	380 U
3-Nitroaniline	1600	1900 U	1800 U	1900 U	1800 U
Acenaphthene	330	330 N	380 U	400 U	380 ∪
2,4-Dinitrophenol	1600	1900 U	1800 U	1900 U	1800 U
Diberzofuran	330	390 U	380 ∩	400 U	380 U
4 Nitrophenol	1600	1900 U	1800 U	1900 U	1800 U
2,4-Dinitrotoluene	330	330 N	380 U	400 U	380 U
Fluorene	330	330 N	380 U	400 U	380 U
Diethytphthalate	330	390 U	380 N	400 U	380 U.

Sample ID:		RB-HW- AB3-	RB-HW- AB3-	RB-HW- AB4-	RB-HW- AB4-
Time:		SS1 0835	SS2 0900	SS1 1320	SS2 1340
Date Sampled: Date Received:		01/23/90	01/23/90	01/23/90	01/23/90
% Moisture:		16	12	17	13
Lab ID:		1633.01	1633.02	1633.03	1633.04
Matrix:	leciec _N	Soil	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL				
4-Chlorophenyl-phenylether	330	390 U	380 U	400 U	380 U
4-Nitroaniline	1600	1900 U	1800 U	1900 U	1800 U
4,6-Dinitro-2-Methylphenol	1600	1900 U	1800 U	1900 U	1800 U
N-Nitrosodiphenylamine	330	330 N	380 N	400 U	380 U
4-Bromophenyt-phenylether	330	300 n	D 086	400 C	∩ 086 086
Hexactiorobenzene	330	330 0	380 0	400 U	D 088
Pentachiorophenol	1600	1900 U	1800 U	1900 U	1800 U
	9 8	7 066 086	7 7 08° 7 08° 8 08°	\$ 4 0 0 0 0 0 0	7 086 8 8
Di-n-Butytphthalate	330	390 U	380 U	400 U	380 U
Fluoranthene	330	330 U	380 U	180 J	160 J
Pyrene	330	330 N	380 ∩	180 J	120 J
Butylbenzylphthalate	330	330 N	380 U	400 N	380 U
Berzo(a)Anthracene	330	330 ∩	∩ 08c	400 C	380 U
3,3" - Dichlorobenzidine	99	062	750 U	∩ 008	760 U
Chrysene	330	330 ∩	380 U	400 N	380 U
bis(2—Ethylhexyl)Phthalate	330	330 ∩	380 €	700 C	380 U
Di-n-octylphthalate	330	330 ∩	380 N	400 N	380 U
Berzo(b)Fluoranthene	330	390 ח	380 N	170 J	380 U
Benzo(k)Fluoranthene	330	380 ∩	380 ∩	400 ∪	380 U
Berzo(a)Pyrene	330	380 N	380 U	400 U	380 U

Sample ID:		RB-HW- AB3-	RB-HW- AB3-	RB-HW- A84-	RB-HW- AB4-
Time:		SS1	SS2 0900	\$\$1 1320	SS2 1340
Date Sampled:		01/23/90	01/23/90	01/23/90	01/23/90
Late neceived: % Moisture:		01/24/90 16	01/24/90 12	01/24/90 17	01/24/90 13
Lab ID:		1633.01	1633.02	1633.03	1633.04
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Semi-Volatiles	CRDL				
Indeno(1,2,3-cd)Pyrene	330	330 N	380 U	400 U	380 U
Dibertz (a, h) Anthracene	330	330 N	∩ 08c	400 C	380 U
Berzo(g,h,i)Perylene	830	330 N	⊃ 086 380 C	400 U	380 U

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analy≥ed for, but not detected.

Sample ID:		RB-HW- AB5-	RB-HW- AB5-	RB-HW- AB6-	RB-HW- AB6-
Time: Date Sampled: Date Received:		SS1 1430 01/22/90 01/23/90	SS2 1430 01/22/90 01/23/90	SS1 1100 01/23/90 01/24/90	SS2 1115 01/23/90 01/24/90
Lab ID:		1630.05	1630.06	1633.05	1633.06
Matrix:		Soil	Soil	Soil	Soil
Parameter Semi Mobello	CRDL				
N-Nitroso-Dimethylamine		370 U	380 U	380 U	400 U
Phenol	330	370 U	380 ∩	380 U	400 U
bis(2—Chloroethyl)ether	330	370 U	380 N	380 N	400 t
2-Chlorophenol	330	370 U	380 n	380 N	400 t
1,3—Dichloroberzene	988	370 0	0.00	0 088 1 088 1 088	984
Berzyl Acohol	88	370 U	⊃ 088 380 R	380 n	
1,2-Dichloroberzene	330	370 U	380 U	380 U	400 U
2-Methylphenol	330	370 U	380 U	380 U	400 U
bis(2-chlorolsopropyl)Ether		370 U	380 N	380 U	400 U
4-Methylphenol		370 U	380 n	380 n	400 U
N-Nitroso-Di-n-Propylamine		370 U	380 C	088	486 186 186 186 186 186 186 186 186 186 1
Nitroberzene	8 8	370 U	2 2 2 2 3 8 8 8	⊃ ⊃ 380 88	408 1
Isophorone	330	370 U	380 U	380 U	400 U
2-Nitrophenol	330	370 U	380 U	380 U	400 U
2,4-Dimethytphenol	330	370 U	380 U	380 U	400 U
bis(2-Chloroethoxy)methane		370 U	380 U	380 ∪	400 U
2,4-Dichlorophenol	330	370 U	380 U	380 U	400 U
Berzoic Acid	1600	1800 U	1800 U	1800 U	1900 U
1,2,4—Trichloroberzene	330	370 U	380 U	380 U	400 U

Sample ID:	ë		BB-HW-	BR-HW.	BBLHW	
			AB5-	AB5-	AB6-	AB6-
ł			SS1	SS2	SS	SSS
Time:	•		1430	1430	1100	1115
Date Sampled:	npled:		01/22/90	01/22/90	01/23/90	01/23/90
Date Received:	selved:		01/23/90	01/23/90	01/24/90	01/24/90
% Moisture:	ře:		=	13	13	17
Lab ID:			1630.05	1630.06	1633.05	1633.06
Matrix:			ii.	jos	io	i d
		Nominal	•	Ē	5	Ō
Parameter	*	CRDL				
Semi-Volatiles	okatiles	ug/kg				
Naphthalene	lene	330	370 U	380 U	380 U	400 11
4-Chloroaniline	paniline	330	370 U	380 U	380 N	400
Hexachk	Hexachlorobutadiene	330	370 U	380 U	∩ 08c	400
4-Chlori	4-Chloro-3-Methylphenol	330	370 U	380 U	380 ∪	400 0
2-Methy	2-Methylnaphthalene	330	370 ∪	380 U	380 U	400 U
Hexachic	Hexachlorocyclopentadiene	330	370 U	380 N	380 U	400 U
2,4,6-Tr	2,4,6-Trichlorophenol	330	370 U	380 U	380 U	400 0
2,4,5-Tr	2,4,5-Trichlorophenol	1600	1800 U	1800 U	1800 U	1900 U
2-Chor	2-Chloronaphthalene	330	370 U	380 U	380 U	400 V
2-Nitroaniline	iiine	1600	1800 U	1800 U	1800 U	1900 U
Umethyphthalate	onthalate	990 990	370 U	380 C	380 U	400 U
Acenaphunyiene	myrene	330	370 U	380 N	380 U	400 U
2,6-US	2,6- Unitrofoluene	00	370 U	380 €	380 U	400 U
		1600	1800 U	1800 U	1800 U	1900 U
Acenaphthene	nene	330	370 U	380 ∩	380 ∩	400 U
2,4-Dinitropheno	rophenol	1600	1800 U	1800 U	1800 U	1900 U
	uran	330	370 U	⊃ 086 380 C	380 U	400 C
	neriol	900	1800 U	1800 U	1800 U	1900 U
2,4-Unit	2,4- Unitrotoluene	990 990	370 U	380 U	O80 €	400 U
Fillorene	•	330 330	370 U	380 U	380 ∩	400 U
Demypritralate	thalate	330	370 U	380 N	380 UJ	400 U

Sample ID:		RB-HW- AB5-	RB-HW- AB5-	RB-HW- AB6-	RB-HW- AB6-
Time: Date Sampled: Date Received:		551 1430 01/22/90 01/23/90 11	552 1430 01/22/90 01/23/90 13	1100 1100 01/23/90 01/24/90	1115 01/23/90 01/24/90
Lab ID:		1630.05	1630.06	1633.05	1633.06
Matrix:		Soil	Soil	Soil	Soil
Parameter Semi_Volotiles	CRDL				
4-Chlorophenyl-phenylether	330	370 U	380 U	380 U	400 U
4-Nitroaniline	1600	1800 U	1800 U	1800 U	1900 U
4,8-Dinitro-2-Methylphenol	1600	1800 U	1800 U	1800 U	1900 U
N-Nitrosodiphenylamine	330	370 U	380 ∩	380 U	400 U
4-Bromophenyl-phenylether	330	370 U	⊃ 086 380 U	380 U	400 €
Hexachlorobenzene	330	370 U	380 U	380 C	400 U
Pentachlorophenol	1600	1800 U	1800 U	1800 U	1900 U
Phenanthrene	330	370 U	380 ∩	380 U	400 C
Anthracene	330	370 U	380 U	380 U	400 €
Di-n-Butyphthalate	330	370 U	380 C	380 U	400 U
Fluoranthene	330	370 U	380 N	380 N	400 ∪
Pyrene	330	370 U	380 C	380 N	400 €
Butylberzylphthalate	330	370 U	∩ 086 380 ∩	380 N	400 €
Berzo(a) Anthracene	330	370 U	380 ∩	380 N	±00 □
3,3'-Dichlorobenzidine	089	740 U	760 U	760 U	∩ 008
Chrysene	330	370 U	380 U	380 U	400 €
bis(2-Ethylhexyl)Phthalate	330	370 U	380 U	380 U	400 U
Di-n-octylphthalate	330	370 U	380 U	380 U	400 U
Berzo(b) Fluoranthene	330	370 U	380 U	380 U	400 U
Berzo(k) Fluoranthene	330	370 U	∩ 08C	380 U	400 U
Berzo(a) Pyrene	330	370 U	380 U	380 U	400 U

Sample ID:		RB-HW-	RB-HW-	RB-HW-	RB-HW-
		AB5	AB5-	AB6-	AB6-
		SS1	SSS	SS1	SSS
Time:		1430	1430	1100	1115
Date Sampled:		01/22/90	01/22/90	01/23/90	01/23/90
Date Received:		01/23/90	01/23/90	01/24/90	01/24/90
% Moisture:		=	13	13	17
CHP (D):		1630.05	1630.06	1633.05	1633.06
Matrix:	legimoN	Soil	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL				
Indeno(1,2,3—cd)Pyrene	330	370 U	380 U	380 ∪	400 U
Diberz(a,h)Anthracene	330	370 ∪	380 U	380 U	400 U
Berzo(g,h,i)Perylene	330	370 U	380 ח	380 U	400 U

Footnotes:

J -- the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

	Sample ID:		RB-HW- AB7-	RB-HW- AB7-	RB-HW- AB8-	RB-HW- AB8-
	Time: Date Sampled: Date Received:		551 1400 01/23/90 01/24/90	552 1410 01/23/90 01/24/90	551 1320 01/22/90 01/23/90	552 1320 01/22/90 01/23/90
	Lab ID:		1633.07	1633.08	1630.07	1630.08
	Matrix:		Soil	Soil	Soil	Soil
	Parameter Semi_Voletiles	CRDL				
-	N-Nitroso-Dimethylamine	000 0000 0000 0000 0000 0000 0000 0000 0000	400 U	380 U	380 U	390 U
	Phenoi	330	400 U	380 N	380 U	330 N
	bis(2—Chloroethyl)ether	330	400 U	380 ∩	380 ∪	390 U
	2-Chlorophenol	330	400 U	380 ∪	380 N	330 U
	1,3-Dichlorobenzene	330	400 ∪	380 ∩	⊃ 380 380 C	390 U
	1,4-Dichlorobenzene	330	400 U	380 ∩	⊃ 086 380 U	390 U
	Berzyl Acohol	330	400 U	380 ∩	380 U	390 U
	1,2-Dichlorobenzene	330	400 ∪	⊃ 08c	380 ∩	390 U
	2-Methytphenol	330	400 U	380 U	380 N	390 U
	bis(2-chloroisopropyi)Ether	330	400 ∪	380 U	380 U	390 U
	4-Methytphenol	330	400 U	380 U	380 U	330 U
	N-Nitroso-Di-n-Propylamine	330	400 U	⊃ 380 ∩	380 N	390 U
	Hexachloroethane	330	400 U	380 ∩	380 N	330 U
	Nitroberzene	930 330	400 U	380 ∩	380 ∩	330 U
	Isophorone	330	400 ∪	380 C	380 ∪	330 N
	2-Nitrophenol	330	400 ∪	380 U	380 ∩	330 U
	2,4-Dimethylphenol	930 330	400 C	380 ∩	380 €	390 U
	bis(2-Chloroethoxy)methane	330	400 U	380 N	380 ∩	330 U
	2,4-Dichlorophenol	330	400 U	380 ∩	380 ∩	330 N
	Berzoic Acid	1600	2000 U	1800 U	1800 U	1900 U
	1,2,4-Trichloroberzene	330	400 U	380 ∪	380 ∪	330 U

Sample ID:		RB-HW AB7 SS4	RB-HW- AB7- SS2	RB-HW- AB8-	RB-HW- AB8- SS2
Time: Date Sampled: Date Received:		1400 01/23/90 01/24/90 18	1410 01/23/90 01/24/90 13	1320 01/22/90 01/23/90 12	1320 01/22/90 01/23/90 15
Lab ID:		1633.07	1633.08	1630.07	1630.08
Matrix:	Nomina	Soil	Soil	Soil	Soil
Parameter Sami - Vote Hoo	CADL				
Nachthalene	330	400 U	380 U	380 U	390 U
4-Chloroaniline	330	400 U	380 U	380 U	330 N
Hexachlorobutadiene	88	400 U	380 U	380 N	390 U
4-Chloro-3-Methylphenol	330	400 U	380 U	380 ∪	390 U
2-Methylnaphthalene	330	400 U	380 U	380 U	390 U
Hexachlorocyclopentadiene	88	400 C	380 N	380 U	390 U
2,4,6-Trichlorophenol	330	400 U	380 U	380 U	390 U
2,4,5-Trichlorophenol	1600	2000 U	1800 U	1800 U	1900 U
2-Chloronaphthalene	330	400 U	380 U	380 U	390 U
2-Nitroaniline	1600	2000 U	1800 U	1800 U	
Dimethylphthalate	330	400 U	⊃ 086 380 C	380 C	⊃ 300 300
Acenaphthylene	330	400 U	380 U	380 U	_
2,6-Dinitrotoluene	330	400 U	380 ∩	380 U	_
3-Nitroaniline	1600	2000 U	1800 U	1800 U	_
Acenaphthene	330	400 C	380 U	380 U	_
2,4-Dinitrophenol	1600	2000 U	1800 U	1800 U	_
Dibenzofuran	330	400 U	380 U	380 U	_
4-Nitrophenol	1600	2000 C	1800 U	1800 U	
2,4-Dinitrotoluene	330	400 U	380 U	380 U	_
Fluorene	330	400 U	380 U	380 N	_
Diethylphthalate	330	400 U	380 U	380 UJ	

	Sample ID:		RB-HW- AB7-	RB-HW- AB7-	RB-HW- AB8-	RB-HW- AB8-
	Time: Date Sampled: Date Received: % Moisture:		1400 01/23/90 01/24/90 18	1410 01/23/90 01/24/90 13	1320 01/22/90 01/23/90	1320 01/22/90 01/23/90
	Lab ID:		1633.07	1633.08	1630.07	1630.08
	Matrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter Semi – Volatiles	CRDL				
_	4-Chlorophenyl-phenylether	330 330 330	400 U	380 U	380 U	390 U
	4-Nitroaniline	000	2000 2000 2000	1800 U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D 006
	A, e - Lyman - e - e - e - e - e - e - e - e - e -	300	269 0 ∪ ∪	3 08 38 8	∩ 086 380 7	7 068 300 F
	4-Bromophenyl-phenylether	330	400 U	380 U	380 U	330 U
	Hexachlorobenzene	330	400 C	380 U	380 U	390 U
	Pentachiorophenol	1600	2000 U	1800 U	1800 U	1900 U
	Phenanthrene	330	2 00 €	D :086	380 n	D 086
	Anthracene	330	400 C	∩ :: 380 80	086 380	D 066 066
	Di∽n – Butylphthalate Elucenthane	930	94 0 64 0 0 0	380 U	D 088	
	Pyrene	88	9 9 0 0	⊃ 086 380 C	∩ 08c	100E
	Butylberzylphthalate	330	400 U	380 U	380 U	390 U
	Berzo(a)Anthracene	330	400 U	380 ∩	380 N	∩ 06E
	3,3'-Dichlorobenzidine	099	∩ 008	J 092	750 U	780 U
	Chrysene	330	400 C	380 ∩	380 U	OSC 390 U
	bis(2-Ethylhexyl)Phthalate	330	400 ∩	380 U	380 U	D 066
	Di n octylphthalate	330	400 C	380 N	380 N	∩ 06E
	Berzo(b)Fluoranthene	330	400 ∪	380 ∩	⊃ 08c	D 068
	Berzo(k) Fluoranthene	330	004	380 ∩	380 N	390 U
	Berzo(a)Pyrene	330	400 U	380 U	380 U	390 U

Sample ID:		RB-HW-	RB-HW-	RB-HW-	RB-HW-
		AB7 – SS1	AB7 SS2	AB8- SS1	AE8- SS2
Time:		1400	1410	1320	1320
Date Sampled:		01/23/90	01/23/90	01/22/90	01/22/90
Date Received:		01/24/90	01/24/90	01/23/90	01/23/90
% Moisture:		18	13	12	15
Lab ID:		1633.07	1633.08	1630.07	1630.08
Matrix:	:	Soil	Soil	Soil	Soil
Parameter	Nominal CRDL				
Semi-Volatiles	ug/kg				
Indeno(1,2,3-cd)Pyrene	88	400 ∪	380 U	380 ∪	390 U
Diberz(a,h)Anthracene	8	400 ∪	380 U	380 U	330 €
Berzo(g,h,i)Perylene	8 8	400 U	380 ∩	380 U	J 068

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- AB9-	RB-HW- AB9-	AB10-	RB-HW- AB10-
Time: Date Sampled: Date Received: % Moisture:		01/23/90 01/23/90 01/24/90	1040 01/23/90 01/24/90	0830 01/23/90 01/24/90	0945 01/23/90 01/24/90
Lab ID:		1633.09	1633.10	1633.11	1633.12
Matrix:	No.	Soil	Soil	Soil	Soil
Parameter	CRDL				
N-Nitroso-Dimethylamine	200 200 200 200 200 200 200 200 200 200	400 U	400 U	330 U	390 U
Phenol	330	400 U	400 U	330 U	390 U
bis(2-Chloroethyl)ether	330	400 U	400 C	300 m	390 U
2-Chlorophenol	330	400 C	400 U	300 C	7 06E
1,3-Dichlorobenzene	330	- 64 - 66 - 66 - 66 - 66 - 66 - 66 - 66	8 5 5 5	000	0000
1,4-Dichloroberzene		004 0 004 0 11	964	0 088 380 C	7 068 7 068
1.2-Dichlorobenzene	88	8 9 0 0	400 U	330 n	7 06E
2-Methylphenol	330	400 U	400 C	390 U	
bis(2-chloroisopropyl)Ether	330	400 U	400 U	330 U	_
4Methylphenol	330	400 U	400 N	∩ 300 300	_
N-Nitroso-Di-n-Propylamine	330	400 C	400 U	OSE	
Hexachloroethane	330	- 69 - 59 - 59	28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D 366	D 068
Nitrobenzene	3	\$ 5 0 5 0 5	98)	
Isophorone	9	3	3. 3. 3.	0.000	_
2-Nitrophenol	330	400 €	400 U	300 n	
2,4-Dimethylphenol	330	400 ∪	400 U	300 n	
bis(2Chloroethoxy)methane	330	400 ∪	400 U	390 U	_
2,4-Dichlorophenol	330	400 ∩	400 U	330 N	_
Berzoic Acid	1600	1900 U	1900 U	1900 U	_
1,2,4-Trichlorobenzene	330	400 U	400 U	330 N	_

Sample ID:		RB-HW- AB9-	RB-HW- AB9-	RB-HW- AB10-	AB-HW- AB10-
Time: Dete Sampled: Dete Received:		1040 1040 01/23/90 01/24/90	552 1040 01/23/90 01/24/90	0930 01/23/90 01/24/90	0945 0945 01/23/90 01/24/90
% Moisture: Lab ID:		17	1633.10	16 1633.11	1633.12
Matrix:	lacimon	Soil	Soil	Soil	Soil
Parameter Semi - Voletiles	CRDL				
Naphthalene	930 330	400 U	400 U	390 U	390 U
4-Chloroaniline	330	400 U	400 U	330 U	390 U
Hexachlorobutadiene	330	400 C	400 C	330 N	390 U
4-Chloro-3-Methylphenol	330	400 U	400 U	D 068	330 U
2-Methylnaphthalene	330	400 U	400 U	330 N	330 N
Hexachlorocyclopentadiene	330	400 U	400 U	330 N	330 N
2,4,6—Trichlorophenol	330	400 U	400 C	330 U	330 U
2,4,5-Trichlorophenol	1600	1900 U	1900 U	1900 U	1900 U
2-Chloronaphthalene	330	400 ∪	400 U	330 N	390 U
2-Nitroaniline	1600	1900 U	1900 U	1900 U	1900 U
Dimethytphthalate	330	400 C	400 C	390 U	330 N
Acenaphthylene	330	400 C	400 U	390 U	330 N
2,6-Dinitrotoluene	99 99	400 €	400 C	300 m	∩ : 060 :
3-Nitroaniline	1600	1900 U	1900 U	1900 U	1900 U
Acenaphthene	330	400 U	400 C	330 N	390 U
2,4-Dinitrophenol	1600	1900 U	1900 U	1900 U	1900 U
Diberzofuran	330	400 U	400 U	330 U	390 U
4-Nitrophenol	1600	1900 U	1900 U	1900 U	1900 U
2,4-Dinitrotoluene	330	400 U	400 U	330 N	330 U
Fluorene	330	400 U	400 U	330 N	330 U
Diethyphthalate	330	400 U	400 U	390 U	390 U

Time: 1040 1040 0851 852 853 852 853 852 853 852 853 853 853 853 853 853 853 853 853 853	Sample ID:		RB-HW-	RBHW-	RB-HW-	RB-HW-
SS1 SS2 SS2 SS3 SS3	•		AB9-	AB9-	AB10-	AB10-
Morning 1,23/90			SS1	SS2	SS1	SS2
01/23/90 01/	Time:		2	1040	0830	0945
Nominal Soil	Date Sampled:		01/23/90	01/23/90	01/23/90	01/23/90
17 17 1633.10 1633.11 1633.12 Soil	Date Received:		01/24/90	01/24/90	01/24/90	01/24/90
Soil Soil Soil Soil Soil Soil Soil Soil	% Moisture:		17	17	16	16
Nominal CRDL ug/kg 400 U 400 U 1900 U	Cab ID:		1633.09	1633.10	1633.11	1633.12
Nominal CRDL Ug/kg 400 U 400 U 390 U 1900 U	Matrix:		Soil	Soil	Soil	Soil
CRDL ug/kg ug/kg 1300 400 U 1900 U		Nominal				
ug/kg ug/kg 400 U 1900 U <th>Parameter</th> <th>CRDL</th> <th></th> <th></th> <th></th> <th></th>	Parameter	CRDL				
1800 1900 U 190	Semi - Volatiles	ug/kg				
1600 1900 U 1900 U <th>4-Chlorophenyl-phenylether</th> <th>330</th> <th>400 U</th> <th>400 C</th> <th>330 U</th> <th>300 נ</th>	4-Chlorophenyl-phenylether	330	400 U	400 C	330 U	300 נ
objected 1900 U 1900 U 1900 U 1900 U ne 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 1900 U 1900 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U sylecther 330 400 U 400 U 390 U 390 U	4-Ntroanithe	1600	1900 U	1900 U	1900 U	1900
ne 330 400 U 400 U 390	4,6-Dinitro-2-Methylphenol	1600	1900 U	1900 U	1900 U	1900 L
1600 1900	N-Nitrosodiphenylamine	330	400 U	100+	330 U	300 C
330 400 U 400 U 1900 U	4-Bromophenyl-phenylether	330	400 C	400 C	330 N	_
1600 1900 U 1900	Hexachlorobenzene	330	400 C	400 U	390 ∪	_
330 400 U 400 U 390 U	Pentachlorophenol	1600	1900 U	1900 U	1900 U	_
330 400 U 400 U 390 U	Phenanthrene	330	400 ∪	400 N	330 N	_
330 400 U 400 U 390 U	Anthracene	330	400 C	400 C	390 U	_
330 400 U 400 U 390 U	Di-n-Butyphthalate	330	400 U	400 U	330 U	_
330 400 U 400 U 390 U	Fluoranthene	330	400 U	400 C	390 U	_
330 400 U 400 U 390 U	Pyrene	330	400 C	400 C	390 U	_
330 400 U 400 U 790 U	Butytbenzylphthalate	330	400 U	400 N	390 U	_
660 800 U 800 U 790 U 790 U 330 400 U 400 U 390 U 390 U 330 400 U 400 U 390 U 390 U 330 400 U 400 U 390 U 390 U 330 400 U 400 U 400 U 390 U 330 400 U 400 U 390 U 390 U 330 400 U 400 U 390 U 390 U	Benzo(a) Anthracene	330	400 U	400 U	390 U	
330 400 U 400 U 390 U	3,3 - Dichlorobenzidine	099	∩ 008	∩ 008	J 062	_
330 400 U 400 U 390 U	Chrysene	330	400 U	400 U	390 U	
330 400 U 400 U 390 U 390 U 330 400 U 400 U 390 U 390 U 330 400 U 400 U 390 U 390 U 390 U	bis(2-Ethylhexyl) Phthalate	330	400 U	400 C	330 U	_
330 400 U 400 U 390 U	Di - n - octylphthalate	330	400 C	400 C	390 U	_
330 400 U 400 U 390 U 390 U 390 U 390 U 390 U 390 U	Berzo(b) Fluoranthene	330	400 U	400 C	390 U	_
330 400 U 400 U 390 U 390 U	Berzo(k) Fluoranthene	330	400 U	400 U	390 U	-
	Berzo(a) Pyrene	33	400 ∪	400 U	330 U	_

Sample ID:		RB-HW- AB9-	RB-HW- AB9-	RB-HW- AB10-	RB-HW- AB10-
Time:		SST	SS2	SS1	SS2 OOAR
Date Sampled:		01/23/90	01/23/90	01/23/90	01/23/90
Date Received:		01/24/90	01/24/90	01/24/90	01/24/90
% Moisture:		. 21	17	16	16
Lab ID:		1633.09	1633.10	1633.11	1633.12
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL ug/kg				
Indeno(1,2,3-cd)Pyrene	330	400 U	400 U	330 U	390 U
Dibertz (a,h) Anthracene	330	400 U	400 U	OSE	390 U
Berzo(g,h,i)Perylene	93 33 3	400 U	400 C	330 N	330 N

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
Time: Date Sampled: Date Received:		1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90 11	0930 01/24/90 01/25/90	1030 01/24/90 01/25/90 14
Lab ID:		1643.07	1643.08	1636.01	1636.02
Matrix:	lacimon	Soil	Soil	Soil	Soil
Parameter	CADL				
N-Nitroso - Dimethylamine	000 000 000 000 000 000 000 000 000 00		370 U	390 U	380 L
Phenol Phonoghallether	88	380 C	370 U	390 C	380 L
2-Chlorohenol	88		370 U	O 000 O 000	380
1,3-Dichloroberzene	330		370 U	390 U	380
1,4-Dichloroberzene	330		370 U	330 U	380
Bergyl Alcohol	330		370 U	390 U	380
1,2-Dichlorobenzene	8		370 U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- C
2-Memyphenol ble(3-chloroleography)Ether			370 1	0 088 380	380
4-Methybhenol	88		370 U	O 068	380
N-Nitroso-Di-n-Propylamine	330		370 U	OSE	380 r
Hexachloroethane	330		370 U	330 U	380
Nitrobergene	330		370 U	330 N	380
Isophorone	330		370 U	330 U	า 086
2-Nitrophenol	330		370 U	330 U	380
2,4-Dimethytphenol	330		370 U	330 U	380
bis(2-Chloroethoxy)methane	330		370 U	330 N	380
2,4-Dichlorophenol	330		370 U	∩ 06E	380
Benzoic Acid	1600	•	1800 U	1900 U	1900 L
1,2,4—Trichlorobenzene	330		370 U	330 N	ว80 เ

Sample ID:	A A	RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
Time: Date Sampled: Date Received: % Moisture:		1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90 11	0930 01/24/90 01/25/90	1030 01/24/90 01/25/90
Lab ID:		1643.07	1643.08	1636.01	1636.02
Matrix:	IsolimoN	Soil	Soil	Soil	Soil
Parameter	CRDL				
	7 OS	380 U	370 U	390 U	380 U
Ene	330	380 U	370 U	390 U	380 U
Hexachlorobutadiene	330	380 N	370 U	330 N	380 ∩
phenol	330	380 U	370 U	330 U	380 ∪
2 - Methylnaphthalene	330	380 U	370 U	330 N	380 ∪
diene	330	380 U	370 U	330 N	380 ∩
	330	380 U	370 U	390 U	380 U
	1600	1900 U	1800 U	1900 U	1900 U
	330	380 N	370 U	330 N	380 □
	1600	1900 U	1800 U	1900 U	1900 U
Dimethytphthalate	330	380 U	370 U	390 U	D 086
	330	380 C	370 U	390 U	∩ 08c
2	330	380 C	370 U	390 N	7 086
	1600	1900 U	1800 U	1900 U	1900 U
Acenephthene	330	380 C	370 U	330 U	380 U
lone	1600	1900 U	1800 U	1900 U	1900 U
	330	380 N	370 U	330 N	380 ∪
75	1600	1900 U	1800 U	1900 U	1900 U
Jene Jene	330	∩ 08c	370 U	∩ 06E	380 U
	330	380 U	370 U	330 U	380 ∪
rthaiate	330	380 U	370 U	330 N	380 U

Sample ID:		RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
Time: Date Sampled: Date Received:		1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90	0930 01/24/90 01/25/90 16	1030 01/24/90 01/25/90 14
Lab ID:		1643.07	1643.08	1636.01 A	1636.02
Matrix:	Nominet	Soil	Soil	Soil	Soil
Parameter Semi Votetilos	CRDL				
4-Chlorophenyl-phenylether	330 330	380 U	370 U	390 U	380 U
4-Nitrogniline	1600	1900 U	1800 U	1900 U	1900 U
4,6-Dinitro-2-Methylphenol	<u>6</u>	1900 U	1800 U	1900 U	1900 U
N-Nitrosociphenylamine 4-Bromophenyl-phenylether	3 8	∩ ∩ 086 88	370 U	⊃ ⊃ 068 87	7 088 88 88
Hexachlorobenzene	330	380 U	370 U	390 U	380 U
Pentachlorophenol	1600	1900 U	1800 U	1900 U	1900 U
Phonenthrone	8 8 8	086 888 888	370 0		
Di-n-Butylohthalate	88	⊃ 380 88	370 U	300 N	∩ 08E
Fluoranthene	330	O 080	370 U	390 U	380 U
Pyrene	88	380 U	370 U	30 C	∩ 086 1
Buty/berzyphthalate	8	∩ 08c	370 U	300 N	D 086
Berrzo(a) Anthracene	330	O :	370 0	O : 066	
3,3'-Dichlorobenzidine	99	⊃ 0 24	740 ∪	O 062	D 02/2
Chrysene	330	⊃ 08c	370 U	⊃ 380 1300 1300 1300 1300 1300 1300 1300 1	∩ 08c
bis(2Ethylhexyl)Phthalate	330	⊃ 380 3	370 U	390 U	380 U
Di-n-octyphthalate	330	380 N	370 U	330 U	7 086
Berzo(b) Fluoranthene	330	⊃ 08c	370 U	330 N	380 U
Berzo(k) Fluoranthene	330	380 N	370 U	330 U	380 U
Berzo(a)Pyrene	88	380 N	370 U	390 U	380 U

	Sample ID:		RB-HW- AB11-SS4	RB-HW- AB11-SS7	RB-HW- AB12-SS3	RB-HW- AB12-SS7
	Time: Date Sampled: Date Received: % Moisture:		1040 01/26/90 01/30/90 14	1110 01/26/90 01/30/90 11	0930 01/24/90 01/25/90 16	1030 01/24/90 01/25/90 14
	Color		1643.07	1643.08	1636.01	1636.02
	Matrix:		Soil	Soil	Soil	Soil
F.108	Parameter Semi-Volatiles Indeno(1,2,3-cd)Pyrene Diberz(a,h)Anthracene Berzo(g,h,i)Perylene	CRDL ug/kg 330 330	380 U 380 U 380 U	370 U 370 U 370 U	330 U 390 U 390 U	380 U 380 U 380 U

Footnotes:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

	Sample ID:		RB-HW- AB13-SS5	RB-HW- AB13-SS7	RB-HW- AB14-SS2	RB-HW- AB14-SS7
	Time: Date Sampled: Date Received:		1350 01/24/90 01/25/90 16	1415 01/24/90 01/25/90 6	1410 01/25/90 01/26/90 12	1520 01/25/90 01/26/90 10
	Lab ID:		1636.03 A	1636.04 A	1637.01 A	1637.02 A
	Matrix:	Iecimon	Soil	Soil	Soil	Soil
	Parameter	CRDL				
£	Semi-Vosities N-Nitroso-Dimethylamine	330 330		350 U	380 U	370 U
107	Phenol	330		350 U	380 n	370 U
,	bis(2-Chioroethyl)ether	330 330		350 U	380 n	370 U
	2-Chlorophenol	8	∩ = 086 800 €	350 U	7 08 C	370 U
	1.4-Dichloroberzene			320 C	⊃ 086 80 6	370 0
	Berzyf Acohol	330		350 U	380 U	370 U
	1,2-Dichlorobergene	330		350 U	380 N	370 U
	2-Methyphenol	330		350 U	380 U	370 U
	bis(2-chlorolsopropyl)Ether	330		350 U	380 n	370 U
	4-Methyphenol	330		350 U	086 086	D 026
	N-Nitroso-Di-n-Propylamine	88		320 U	D 300	
	Hexachioroethane			350 0	0 086 0 086	320 U
				350 U		370
		3 8		350 11		370 11
	2-michiero 24-Dimethythenoi			350 U	7 088 380 C	0 0/6 370 U
	bis(2-Chloroethoxy)methane	330		350 U	380 U	370 U
	2.4-Dichlorophenol	330		350 U	∩ 380 U	370 U
	Berizolo Acid	1600	_	1700 U	1800 U	1800 U
	1,24-Trichlorobenzene	330		350 U	380 U	370 U

Sample ID:		RB-HW- AB13-SS5	RB-HW - AB13-SS7	RB-HW- AB14-SS2	RB-HW- AB14-SS7
Time: Date Sampled: Date Received: % Moisture:		1350 01/24/90 01/25/90 16	1415 01/24/90 01/25/90 6	1410 01/25/90 01/26/90 12	1520 01/25/90 01/26/90 10
Lab ID:		1636.03	1636.04	1637.01	1637.02
Matrix:	Cimcin	Sol	Soil	Soil	Soil
Parameter	CRDL				
Veril - Voeties Nachthelene	330 330	390 U	350 U	460	370 U
4-Chloroaniline	330	380 N	350 U	380 U	370 U
Hexachlorobutadiene	330	330 N	350 U	⊃ 08c	320 C
4-Chloro-3-Methylphenol	88	300 n	350 U	⊃ 086 002	320
2-Methyinaphthalene Hevechlorocyclopentacliene			350 U	280 380	1 02E
2,4,6—Trichlorophenol	88	300 C	9 056 350 U	380 0	370 U
2,4,5—Trichlorophenol	1600	1900 U	1700 U	1800 U	1800 U
2-Chloronaphthalene	330	∩ 06E	350 U	380 U	370 U
2-Nitroaniline	1600	1900 U	1700 U	1800 U	1800 U
Dimethyphthalate	930 930	380 N	350 U	380	370 U
Acenaphthylene		⊃ 380 380 880 880 880 880 880 880 880 880	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0% 1 0%
A.O. Office of the Control of the Co	009	1900	1007 U 007	1800 U	1800
Acenachthene	330	360 n	350 U	380 U	370 U
2,4-Dintrophenol	1600	1900 U	1700 U	1800 U	1800 U
Dibenzofuran	330	330 ∩	03€	⊃380 U	370 U
4Nitrophenol	1600	1900 U	1700 U	1800 U	1800 U
2,4-Dinitrotoluene	330	330 N	320 U	380 U	370 U
Fluorene	330	030 U	320 U	380 U	370 U
Diethytphthalate	330	330 N	350 U	380 U	370 U

Sample ID:		RB-HW- AB13-SS5	RB-HW-AB13-SS7	RB-HW- AB14-SS2	RB-HW- AB14-SS7
Time: Date Sampled: Date Received: % Moisture:		1350 01/24/90 01/25/90 16	1415 01/24/90 01/25/90	1410 01/25/90 01/26/90 12	1520 01/25/90 01/26/90 10
Lab ID:		1636.03	1636.04	1637.01	1637.02
Matrix:	- SCA		Soil	Soil	Soil
Parameter Cerni - Vote Hise	CRDL				
4-Chlorophenyl-phenylether			350 U	380 U	370 U
4-Nitroaniline 4.6-Dinitro-2-Methylphenol		1900 U	1700 U	1800 U 1800 U	1800 L
N-Nitrosodiphenylamine			350 U	380 U	370 U
4-Bromophenyi-phenyiether Hexachlorobenzene			350 U		J 078 J 078
Pentachlorophenol	1600		1700 U	1800 U	1800 U
Phenanthrene	99 98 98 98	⊃ = 68 8	350 U	086 086 087	370 370 11 078
Di-n-Butyohthalate	38 88		350 U	120 5	J 078
Fluoranthene	330		350 U	380 U	370 U
Pyrene	330		350 0	0.086	370 U
Berzofa) Anthracene	93 S		320 C	2 D OSS	370 U
3.3 - Dichlorobenzidine	099		J 002	750 U	730 U
Chrysene	330		350 U	380 U	370 U
bis(2-Ethyfhexyl)Phthalate			320 U	380 U	370 U
Di-n-octyphthalate			320 U	380 U	370 U
Berzo(b) Fluoranthene	330		320 U	380 U	370 U
Berzo(k) Fluoranthene	330		350 U	D 086	370 U
Berzo(a)Pyrene	330		350 U	380 U	370 U

Sample ID:		RB-HW- AB13-SS5	RB-HW- AB13-SS7	RB-HW- AB14-SS2	RB-HW-AB14-SS7
Time: Date Sampled: Date Received:		1350 01/24/90 01/25/90 16	1415 01/24/90 01/25/90 6	1410 01/25/90 01/26/90 12	1520 01/25/90 01/26/90 10
Lab ID:		1636.03	1836.04	1637.01	1637.02
Matrix:	Nominal	⊗	Soil S	Soil	Soil
Parameter Semi – Volatiles Indeno(1,2,3-cd)Pyrene Diberz (a,h)Anthracene Berzo(g,h,i)Perylene	CRDL ug/kg 330 330	330 U 390 U 390 U	350 U 350 U 350 U	7 7 7 88 380 88 380 88	370 U 370 U 370 U

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

	Sample ID:		RB-HW-AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
	Time: Date Sampled: Date Received: % Moisture:		1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90 12	1400 01/29/90 01/30/90 12
	Lab ID:		1637.04	1637.05 A	1643.04	1643.05
	Matrix:	Nominal Jacimoly	Soil	Soil	Soil	Soil
	Parameter Semi Webtilde	CRDL				
	N-Nitroso-Dimethylamine	000 0000 0000	410 U	370 U	380 U	380 U
_	Phenol	88	410 U	370 U	380 U	380 U
	bis(2-Chloroethyl)ether 2-Chlorophenol		0 0 4 0 0 1	320 0	0 00 086 086 086	1 088 088 8
	1,3-Dichloroberzene	330	410 U	370 U	380 n	380
	1,4-Dichloroberzene	330	410 U	370 U	380 U	380 ∪
	Berzył Acohol	330	410 U	370 U	380 U	380 U
	1,2-Dichloroberzene	88	410 U	370 U	⊃ 3 380 80 80 80 80 80 80 80 80 80 80 80 80 8	⊃ : 286 8
	2-Methyphenol his (3_chlomissommy)) Ether	9 6	410 U	370 0	⊃ = 086 86	⊃ = 086 86
	A-Methylphenol	8 8	4 4 5 0 0 0 0	370 U	3 000 3 000	⊃ ⊃ 380 880 880
	N-Nitroso-Di-n-Propylamine	330	410 U	370 U	380 U	380 U
	Hexachloroethane	330	410 U	370 U	380 U	380 ∪
	Nitrobenzene	99	410 U	370 U	380 U	D 086 380 U
	Isophorone	330	410 U	370 U	380 U	380 U
	2-Ntrophenol	330	410 U	370 U	380 U	380 U
	2,4-Dimethylphenol	330	410 U	370 U	088	380 ∪
	bis(2-Chloroethoxy)methane	330	410 U	370 U	380 U	380 U
	2,4-Dichlorophenol	330	410 U	370 U	380 U	380 U
	Benzoic Acid	1600	2000 N	1800 U	1800 U	1800 U
	1,2,4-Trichlorobenzene	330	410 U	370 U	380 U	380 U

Sample ID:		RB-HW- AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
Time: Date Sampled: Date Received: % Moisture:		1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90 12	1400 01/29/90 01/30/90 12
Col open		1637.04 A	1637.05 A	1643.04	1643.05
Matrix:	Nominal	So <u>l</u>	Soil	Soil	Sol
Parameter Semi - Votestlee	CRDL				
Naphthalene	3 8	410 U	370 U	380 ∪	380 U
4-Chloroaniline	330	410 U	370 U	D 086	380 U
Hexachiorobutadiene	98 88 88	410 C	370 0	O 300 6	D 088
4-Chioro-3-Metryphenol 2-Methythaphithalene	3 8	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	320 0	∩ 086 386	∩
Hexachlorocyclopentadiene	330	410 U	370 U	380 U	380 U
2,4,6-Trichiorophenol	8	410 U	370 U	380 C	380 U
2,4,5- i noniorophenoi 2-Chloronachthalene	5 8 8 8 8 8	2000 U 410 U	D 028	0 008 0 008 008	D 086
2-Nitroaniline	1600	2000 U	1800 U	1800 U	1800 U
Dimethylphthalate	330	410 U	370 U	380 €	380 U
Acenaphthylene	0 8	410 U	370 0	⊃ 380 80 80 80 80 80 80 80 80 80 80 80 80 8	380 380
2,6—Dinitrolouene 3—Nimeniine	8 8 6	0.000	0.0%	0.00 0.00 0.00 0.00	380 0
Acenephthene	330	410 U	370 U	380 n	380
2,4-Dinitrophenol	1600	2000 U	1800 U	1800 U	1800 U
Diberzofuran	330	410 U	370 U	380 U	380 ∪
4-Nitrophenoi	1600	2000 U	1800 U	1800 U	1800 U
2,4-Dinitrotoluene	330	410 U	370 U	380 U	∩ 08c
Fluorene	330	410 U	370 U	380 N	380 U
Diethyiphthalate	330	410 U	370 U	380 U	380 U

	Sample ID:		RB-HW- AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
	Time: Date Sampled: Date Received: % Moisture:		1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90	1400 01/29/90 01/30/90 12
	Lab ID:		1637.04	1637.05	1643.04	1643.05
	Matrix:	- Contraction		Soil	Soil	Soil
	Parameter	CRDL				
	Serni - Votellies 4 - Chlorophenyl - phenylether	300 300 300 300 300 300 300 300 300 300		370 U	380 U	380 L
446	4-Nitroaniline	091 006 006	2000 C	1800 U	1800 U	1800 L 1800 L
	N-Nitrosodiohenvlamine	330		370 U	0 08E	380
	4-Bromophenyl-phenylether	330		370 U	380 N	380 r
	Hexachlorobenzene	330		370 U	380 U	380 r
	Pentachlorophenol	1600	N	1800 U	1800 U	1800 L
	Phenanthrene	08 330		3200	0.000	
	Antiracene Di		0.014	0.0% 11.0%	380	3.086
	DI-TI-DUIMONANA Fluoranthene	88		370 U	∩ 086 380 C	380 -
	Pyrene	330		370 U	380 U	380
	Butytbenzylphthalate	330		370 U	380 U	า 086
	Bergo(a) Anthracene	88	410 U	370 U	380 U	380
	3.3 - Dichlorobenzidine	099	810 U	730 U	120 U	א 250 ר
	Chrysene	330		370 U	380 U	380
	bis(2-Ethythexyl)Phthalate	330		370 U	380 ∩	380 1
	Di-n-octylphthalate	330		370 U	380 U	380 1
	Berzo(b) Fiuoranthene	330	410 U	370 U	380 U	380 1
	Benzo(k) Fluoranthene	330		370 U	380 U	380 1
	Benzo(a) Pyrene	330		370 U	380 U	380 (

Sample ID:		RB-HW- AB15-SS3	RB-HW- AB15-SS8	RB-HW- MW4-SS2	RB-HW- MW4-SS3
Time: Date Sampled: Date Received: % Moisture:		1030 01/25/90 01/26/90 19	1150 01/25/90 01/26/90 10	1345 01/29/90 01/30/90 12	1400 01/29/90 01/30/90 12
Lab ID:		1637.0%	1637.05	1643.04	1643.05
Matrix:	Nominal	Soil S	Soil	Soil	Soil
Parameter Semi – Volatiles	CRDL ug/kg		•	:	
indeno(1,2,3cd)Pyrene Diberz(a,h)Anthracene	88 88 89 89	4 4 U U	370 U 370 U	⊃ ⊃ 086 88	⊐ ⊃ 086 86
Berzo(g,h,i)Perylene	330	410 U	370 U	380 U	380 U

Footnotes:

:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- MW5-SS2	RB-HW- MW5-SS3	RB-HW- MW6-SS2	RB-HW- MW6-SS3
Time: Date Sampled: Date Received: % Moisture:		0945 01/31/90 02/01/90 14	1000 01/31/90 . 02/01/90 10	1000 01/30/90 01/31/90 12	1030 01/30/90 01/31/90 12
Lab ID:		1647.01	1647.02	1645.01	1645.02
Matrix:	Nominal	Soil	Soil	Soil	Soil
Parameter Serrei Volveilos	CRDL				
N-Nitroso-Dimethylamine	330	380 U	370 U	380 U	
Phenol	330	380 U	370 U	380 C	380 U
bis(2-Chloroethyl)ether	330	380 ∩	370 U	380 U	380 U
2-Chlorophenol	330	380 U	370 U	380 U	380 U
1,3-Dichlorobenzene	330	380 ∩	370 U	⊃ 08c	D 086
1,4-Dichlorobergene	330	380 ∩	370 U	380 ∩	_
Berzyl Alcohol	330	380 ∪	370 U	380 U	_
1,2-Dichloroberzene	330	380 ∩	370 U	⊃ 086 380 C	_
2-Methylphenol	330	∩ 08c	370 U	380 C	_
bis(2-chlorolsopropyl)Ether	330	380 ∩	370 U	380 U	_
4-Methyphenol	330	380 ∩	370 U	380 ∩	
N-Nitroso-Di-n-Propylamine	330	380 ∩	370 U	380 ∩	_
Hexachloroethane	330	380 U	370 U	380 ∩	
Nitroberzene	330	380 ∩	370 U	380 N	
laophorone	330	380 ∩	370 U	380 U	
2-Nitrophenol	330	380 ∩	370 U	380 U	380 U
2.4-Dimethytphenol	330	380 N	370 U	380 N	
bis(2-Chloroethoxy)methane	330	380 ∪	370 U	380 ∩	380 U
2.4-Dichlorophenol	330	380 ∩	370 U	380 U	088 080 ∩
Berrzolc Acid	1600	1900 U	1800 U	1800 U	1800 U
1,2,4 - Trichlorobenzene	330	380 U	370 U	380 U	380 U

B	Sample ID:		RB-HW- MW5-SS2	RB-HW- MW5-SS3	RB-HW- MW6-SS2	RB-HW- MW6-SS3
¥ãã≒	Time: Date Sampled: Date Received:		0945 01/31/90 02/01/90 14	1000 01/31/90 02/01/90 10	1000 01/30/90 01/31/90 12	1030 01/30/90 01/31/90 12
5	Lab ID:		1647.01	1647.02	1645.01	1645.02
Ž	Matri x:	Nominal	Soil	Soil	Soil	Soil
£ 8	Parameter	CRDL				
カ 芝 _	Jerni – Votaties Nachthalene	930 930 930	380 U	160 J	380 U	380 U
4	4-Chloroaniline	330	380 n	370 U	J 088	380 U
Ĭ	Hexachlorobutadiene	330	∩ 086 380 ∩	370 U	∩ 08c	380 U
4	4-Chloro-3-Methylphenol	330	⊃ 380 380	370 U	380 C	380 U
ດ່ :	2-Methymaphthalene	8	⊃ : 88 8	89 20 20 20 20 20 20 20 20 20 20 20 20 20	O 080	088
Ĭċ	Hexachlorocyclopentadiene			0.00		
น์ ผู้	2,4,6— i richiorophenoi 2,4,5— Trichlorophenoi	8 8 8	2006 0 0 0 0	1800 U	1800 t	1808 U 081
íά	2-Chloronaphthalene	330	⊃ 086 380	370 U	380 U	380 U
'n	2-Nitroaniine	1600	1900 U	1800 U	1800 U	1800 U
۵	Dimethylphthalate	330	380 U	370 U	380 U	380 U
₹	Acenaphthylene	330	380 ∩	370 U	∩ : 380 :	∩ 380 1 080 1 080
Š	2,6-Dinitrotoluene	330	⊃ 380 380	370 U	D 086	08e
မှ	3-Nitroaniline	1600	1900 U	1800 U	1800 U	U 008T
₹	Acenephthene	88	380 ∩	370 U	⊃ 08c	380 U
ý	2,4-Dinitrophenol	1600	1900 U	1800 U	1800 U	1800 U
5	Diberzofuran	330	_	370 U	⊃ 086 380 C	380 U
4	4-Nitrophenol	1600	1900 U	1800 U	1800 U	1800 U
ď	2,4-Dinitrotoluene	330	380 ∩	370 U	380 U	380 U
Œ	Fluorene	330	380 ∩	370 U	380 N	380 U
ā	Diethyphthalate	330		370 U	380 U	380 U

ANALYTICAL RESULTS OF SOILS (3'-27') AT THE HWSA RICKENBACKER ANGB-OHIO

	Sample ID:		RB~HW-	RB-HW-	RB-HW-	BB-HW.
			MW5-SS2	MW5-SS3	MW6-SS2	MW6-SS3
	Time: Date Sampled:		0945 01/31/90	1000	1000 01/30/90	1030 01/30/90
	Late received: % Moisture:		02/01/90 14	02/01/90	01/31/90 12	01/31/90
	Lab ID:		1647.01	1647.02	1645.01	1645.02
	Matrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter Semi-Volatiles	CRDL				
E-1	4-Chlorophenyl-phenylether	330	380 U	370 U	380 U	380
17	4-Nitroaniine	600 000 000 000 000	1900 U	1800 U	1800 U	1800
	N-Nitrogogichendamine	930	0.006	1800 C	1800 U	1800
	4-Bromophenyi-phenylether	88)	370 5	D 088	088
	Hexachlorobenzene	330	380 U	370 U	380 380 80	
	Pentachiorophenol	1600	1900 U	1800 U	1800 U	1800
	Prenantinene	000 000 000 000 000 000 000 000 000 00	3 380 380 380	370 U	D 086	380 (
	Di-c-Rutchthelete			370 0	⊃ :: 380 80	380
	Floranthene	88	300	370 0.5	0.000	- 08 8 8
	Pyrene	330	380 ∩	370 U	⊃ 88 88	
	Butyberzylphthalate	330	380 U	370 U	380 U	380
	Berzo(a) Anthracene	930 330	⊃ 380 8	370 U	380 U	380
	3,3 - Dichlorobenzidine	8	⊃ 8 2	730 U	750 U	750 (
	Chrysene	8	380 C	370 U	380 U	380 1
	ors(2-Etnymexy)/Phinalate	330	⊃ 08c	370 U	380 U	380
	U-n-octyphthelate	330 330	380 N	370 U	380 U	380
	Berzo(b)Fluoranthene	88	380 N	370 U	380 N	380
	Berzo(k) Fluoranthene	930 330	380 U	370 U	380 U	380
	Berzo(a)Pyrene	330	380 N	370 U	380 N	380 נ

Sample ID:		RB-HW- MW5-SS2	RB-HW- MW5-SS3	RB-HW- MW6-SS2	RB-HW- MW6-SS3
Time: Date Sampled: Date Received: % Moisture:		0945 01/31/90 02/01/90 14	1000 01/31/90 02/01/90 10	1000 01/30/90 01/31/90 12	1030 01/30/90 01/31/90 12
Lab ID:		1647.01	1647.02	1645.01	1645.02
Matrix:	Nominal	Soil	Soil	Soil	Soil
Semi-Volatiles Indeno(1,2,3-cd)Pyrene Diberz(a,h)Anthracene Berzo(g,h,i)Perylene	19/kg 330 330 330 330	7 7 7 380 8 380 8	370 U 370 U 370 U	380 n 380 n 380 n	380 N 380 N 380 N

Footnotes:

J--the value reported is an estimated concentration.

Sample ID:		RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB~HW- MW8-SS2	RB-HW- MW8-SS3
Time: Date Sampled: Date Received: % Moisture:		1310 01/30/90 01/31/90 15	1330 01/30/90 01/31/90 20	1510 01/30/90 01/31/90 13	1520 01/30/90 01/31/90 21
Lab IO:		1645.03	1645.04	1645.05	1645.06
Matrix:	Isolmon	Soil	Soil	Soil	Soll
Parameter	CRDL				
Serin – Volaures N – Nitroso – Dimethylamine	7 8 8 8 8	380 U	410 U	380 U	420 U
Phenol	330	390 U	410 U	380 U	420 U
bis(2-Chloroethyl)ether	330	380 N	410 U	380 U	420 C
2-Chlorophenol	330	330 N	410 U	380 U	420 C
1,3-Dichloroberzene	330	380 ∩	410 U	∩ 08c	420 C
1,4-Dichloroberzene	330	∩ 060 380 ∩	410 U	380 U	420 C
Berzył Acohol	330	380 ח	410 U	380 U	420 U
1,2-Dichlorobertzene	330	380 ∩	410 U	380 U	420 U
2-Methylphenol	330	390 U	410 U	380 U	420 C
bis(2-chloroisopropyl)Ether	330	330 N	410 U	380 U	420 U
4-Methylphenol	330	330 N	410 U	380 N	420 U
N-Ntroso-Di-n-Propylamine	330	390 U	410 U	380 U	420 U
Hexachloroethane	330	∩ 06E	410 U	380 N	420 C
Nitroberizene	930 330	380 ∩	410 U	⊃ 086 380	420 C
Haphorone	330	380 U	410 U	380 n	420 U
2-Ntrophenol	330	380 ∩	410 U	380 U	420 U
2,4-Dimethylphenol	330	390 U	410 U	380 C	420 U
bis(2-Chloroethoxy)methans	330	⊃ 068 380 ∩	410 U	380 U	420 U
2,4-Dichlorophenol	330	∩ 06E	410 U	380 C	420 U
Berzoic Acid	1600	1900 U	2000 U	1800 U	2000 U
1,2,4 - Trichlorobenzene	330	390 U	410 U	380 U	420 U

	Sample ID:		RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB-HW- MW8-SS2	RB-HW- MW8-SS3
-	Time: Date Sampled: Date Received: % Moisture:		1310 01/30/90 01/31/90 15	1330 01/30/90 01/31/90 20	1510 01/30/90 01/31/90 13	1520 01/30/90 01/31/90 21
	Lab ID:		1645.03	1645.04	1645.05	1645.06
	Matrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter Servet Volumbles	CRDL				
_			390 U	410 U	380 U	420 U
	4-Chloroaniline	330	390 U	410 U	380 U	420 L
_	Hexachlorobutadiene	330	380 N	410 U	∩ 08c	420 L
	4-Chloro-3-Methyphenol	330	380 N	410 U	380 U	420 (
	2-Methylnaphthalene	330	390 €	410 U	D 086	420 (
	Hexachlorocyclopentadiene	330	300 C	410 U	380	420
	2,4,6-Trichlorophenol	330	⊃ 300 F	410 U	∩ 380 380 380	420 (
٠	2,4,5-Trichlorophenol	009	1900 1900 1900	2000 740	0 2 0 0 0	2000
	2-Chloronaphthalene	330	⊃ : 066 666 7	U 014 U 000	D 200 F	1 0000 1 0000
	2-Nitroenikre Dimethybbitelete	000 000 000	1900 U	2000 U 410 U))) () ()	2002 - 420 J
	Acenachthylene	330	360 E	410 U	380 U	420 C
	2.6-Dinitrotoluene	330	∩ 06E	410 U	380 U	420 L
	3-Nitroaniline	1600	1900 U	2000 U	1800 U	2000 L
	Acenaphthene	330	390 U	410 U	380 ∩	420 L
	2,4-Dinitrophenol	1600	1900 U	2000 U	1800 U	2000 L
	Diberzofuran	330	∩ 06E	410 U	380 U	420 L
	4-Nitrophenol	1600	1900 U	2000 U	1800 U	2000 C
	2.4-Dinitrotokiene	330	∩ 06E	410 U	380 U	420 L
	Fluorene	330	380 ∩	410 U	380 U	420 L
	Diethyphthalate	330	390 U	410 U	380 N	420 (

Ø	Sample ID:		RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB-HW- MW8-SS2	RB-HW- MW8-SS3
	Time: Date Sampled: Date Received: % Moisture:		1310 01/30/90 01/31/90 15	1330 01/30/90 01/31/90 20	1510 01/30/90 01/31/90 13	1520 01/30/90 01/31/90 21
٦	Lab IÖ:		1645.03	1645.04	1645.05	1645.06
2	Matrix:	No.	Soil	Soil	Soil	Soil
D. <i>U</i>	Parameter Semi - Voletilee	CRDL				
,	4-Chlorophenyi-phenylether	330	380 ח	410 U	380 U	420 U
4 4	4 – Nitroeniline 4.6 – Dinitro – 2 – Methylohenol	009 009 009	2006 2006 2006	0000 0000 0000	1800 U	7000
Z	N-Nitrosodiphenylamine	330	380 ח	410 U	O 086	420 U
4	4-Bromophenyl-phenylether	330	380 ∩	410 U	380 €	420 U
I	Hexachiorobenzene	330	380 U	410 U	380 U	420 N
a. (Pentachlorophenol	1600 000 000	1900 U	2000 U	1800 U	2000 1
- ⋖	Prementinene			0 0 4 0 0 0 0) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	420 C
. 🗅	Di-n-Butyphthalate	330	300 0	410 U	380 n	420 U
L	Fluoranthene	330	∩ 06E	410 U	380 U	420 U
a	Pyrene	330	⊃ 068	410 U	380 U	
	Butytbenzytphthalate	930 1	⊃ 380 380	410 U	380 n	
	Berzo(a) Anthracene	88	∩ 066 360	410 U	⊃ 3 380 380	
๙	3,3" - Dichlorobenzidine	98		830 U	760 U	
O	Chrysene	330	⊃ 068	410 U	380 N	
۵	bis(2—Ethythexyl)Phthalate	330	∩ 06E	410 U	380 U	
	Di-n-octyphthalate	330	380 ∩	410 U	380 U	420 U
(1)	Berzo(b) Fluoranthene	330	330 ∩	410 U	380 U	
四	Berzo(k) Fluoranthene	330	330 ∩	410 U	380 U	
©	Benzo(a) Pyrene	330	390 ∩	410 U	380 U	

Sample ID:	T Z	RB-HW- MW7-SS2	RB-HW- MW7-SS3	RB-HW- MW8-SS2	RB-HW- MW8-SS3
Time: Date Sampled: Date Received:		1310 01/30/90 01/31/90 15	1330 01/30/90 01/31/90 20	1510 01/30/90 01/31/90 13	1520 01/30/90 01/31/90 21
Lab ID:		1645.03	1645.04	1645.05	1645.06
Matrix:	Nonimal	Soil	Soil	Soil	Soil
Parameter Semi – Volatiles Indeno(1,2,3–cd)Pyrene Diberz(a,h)Anthracene Berzo(g,h,i)Perylene	CRDL 330 330 330	380 N 380 N 380 N	410 U 410 U 410 U	380 U 380 U 380 U	420 U 420 U 420 U

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
Time: Date Sampled: Date Received: % Moisture:		950 02/09/90 02/13/90 14	1000 02/09/90 02/13/90 19	1130 01/25/90 01/26/90 13	1530 01/25/90 01/26/90 14
Lab ID:		1665.03	1665.04	1637.06	1637.03
Matrix:		Soil	Soil	Soil	Soil
Parameter Semi-Volatiles	CRDL				
N-Nitroso-Dimethylamine	300	380 U	410 U	380 U	380 U
 Phenoi bis(2 – Chloroethyllether	00 00 00	∩ == 380 380 380	410 U	380 U	7 088 1 088
2-Chlorophenol	330	∩ 08E	410 U	n 086 380 80	7 08E
1,3-Dichloroberzene	330	380 U	410 U	380 ∪	380 U
1,4 Dichloroberzene	330	380 U	410 U	⊃ 086 380 C	380 U
Berzyl Acohol	88	⊃ : 080 8	J 014	380 380 380	7 086 7 086
1,z-Digniorosetzene 2-Methybhenoi		0 000 0000 0000 0000 0000 0000 0000 00	410 U		7 088 380 7 088
bis(2-chloroisopropyl)Ether	330	⊃ 086 88	410 U	∩ 086 380 C	7 08E
4-Methyphenol	330	380 ∪	410 U	380 U	380 U
N-Nitroso-Di-n-Propylamine	330	380 U	410 U	380 U	380 U
Hexachloroethane	330	∩ 380 380	410 U	⊃ : 380 8	7 08E
Nitrobenzene	99 99	∩ 08c	410 U	380 U	7 086 7 086
Isophorone	330	380 ∩	410 U	380 N	380 C
2-Nitrophenol	330	380 ∩	410 U	∩ 086 380 ∩	380 €
2,4-Dimethytphenol	8 8	∩ 08c	410 U	380 U	380 U
bis(2-Chloroethoxy)methane	330 330	380 U	410 U	380 U	380 U
2,4-Dichlorophenol	330	380 U	410 U	∩ 08E	380 U
Berzoic Acid	1600	1900 U	2000 U	1800 U	1900 U
1,2,4-Trichlorobenzene	330	380 N	410 U	380 U	380 U

	Sample ID:		RB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
	Time: Date Sampled: Date Received: % Moisture:		950 02/09/90 02/13/90 14	1000 02/09/90 02/13/90 19	1130 01/25/90 01/26/90 13	1530 01/25/90 01/26/90 14
	Lab ID:		1665.03	1665.04	1637.06	1637.03
	Metrix:	Nominal	Soil	Soil	Soil	Soil
	Parameter	CRDL				
•	Naphthalene	330 330	380 U	410 U	380 U	380 U
46	4-Chloroaniline	330	380 N	410 U	380 U	380 U
_	Hexachlorobutadiene	330	380 ∩	410 U	380 U	380 U
	4-Chloro-3-Methylphenol	930 330	380 n	410 U	D : 086	D 086
	2-Methyinaphthalene Hamachloromalonentadiene			410 U	0.000	
	2.4.8 – Trichlorophenol	88	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	410 U	⊃ 380 88) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
	2,4,5-Trichlorophenol	1600	1900 U	2000 U	1800 U	
	2-Chloronaphthalene	330	380 ח	410 U	380 U	∩ 08c
	2-Nitroaniline	1600	1900 U	2000 U	1800 U	1900 U
	Dimethytphthalate	330	380 €	410 U	380 U	380 U
	Acenaphthylene	330	380 N	410 U	380 N	∩ 08c
	2,6-Dinitrotoluene	8		410 U	∩ 08c	
	3-Nitroeniline	1600	_	2000 U	1800 U	
	Acenaphthene	330	_	410 U	380 U	380 €
	2,4-Dinitrophenol	1600	1900 U	2000 U	1800 U	
	Diberzofuran	330		410 U	380 U	380 U
	4-Nitrophenol	1600	_	2000 U	1800 U	1900 U
	2,4-Dinitrotoluene	330		410 U	380 U	380 U
	Fivorene	330	_	410 U	380 ∩	380 U
	Diethyiphthalate	330	_	410 U	380 U	380 U

Sample ID:		RB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
Time: Date Sampled: Date Received: % Moisture:		950 02/09/90 02/13/90 14	1000 02/09/90 02/13/90 19	1130 01/25/90 01/26/90 13	1530 01/25/90 01/26/90 14
Lab ID:		1665.03	1665.04	1637.06	1637.03
Metrix:	ferimoN	Soil	Soil	Soil	Soil
Parameter Semi – Voletiles	CRDL				
 4-Chlorophenyl-phenylether	. See	380 U	410 U	380 ח	380
 4-Nitroaniline 4.8-Dinitro-2-Methylohenol	009	1900 U	2000 C	1800 U	1900
N-Nitrosodiphenylamine	330	∩ 08E	410 U	∩ 08E	380
4-Bromophenyl-phenylether	330	380 ∪	410 U	380 U	380
Hexachiorobenzene	330	380 ∩	410 U	380 U	380
Pentachlorophenol	1600	1900 U	2000 U	1800 U	1900 (
Phenanthrene	<u>8</u>	⊃ : 086 88	410 U	D 380	
Antifacene Ni - n - Bi thankholoto	9 6		0 0 4 0 0 1 1 0 4	080 080 080	088
Di-ri-butyphriakate Fluoranthene	98 88) 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 5 0 0 0 0	0 088 380 8	7 086 88
Pyrene	330	380 U	410 U	380 U	380
Butyberzyphthalate	330	380 ∪	410 U	380 U	380
Berzo(a) Anthracene	330	∩ 08c	410 U	∩ 08c	380
3,3" - Dichlorobenzidine	099	∩ 0.Z	410 U	760 U	770 (
Chrysene	330	∩ 08c	410 U	380 ∩	380
bis(2-Ethylhexyl)Phthalate	330	∩ 08c	410 U	380 U	380
Di-n-octyphthalate	330	380 ∩	410 U	⊃ 380 380	380
Berzo(b) Fluoranthene	330	⊃ 08c	410 U	380 U	380
Berzo(k) Fluoranthene	99 99	∩ 08c	410 U	380 U	380
Benzo(a) Pyrene	330	380 U	410 U	380 U	380

330 380 U 410 U	Soil Soil Soil CRDL Ug/kg 330 U 410 U	Soil Soil 380 U
11 000	DiDertz (a, n) Anthracene 330 380 U 410 U Bertz of a, h i) Perviene 330 320 320 1	380 n

Footnotes:

J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

RB-HW- RB-HW- D6 D7	1020 01/30/90 01/31/90 01/31/90 13 20	1645.07 1645.08	Soil Soil Soil	CRDL	380 U	330 380 U 410 U	380 U	380 U	380 U	380 U	380 N		380 N	380 C	380 N	380 N	380 N	380 U		3 80 U	380	D 088	330 380 U 410 U	1800 U	330 380 U 410 U
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix:	Parameter (N-Nitroso-Dimethylamine	loueud 127	bis(2-Chloroethyl)ether	2-Chlorophenol	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Berzył Alcohol	1,2-Dichlorobenzene	2 Methylphenol	bis(2-chlorolsopropyl)Ether	4-Methylphenol	N-Nitroso-Di-n-Propylamine	Hexachloroethane	Nitrobenzene	Isophorone	2-Nitrophenol	2.4 Dimethylphenol	bis/2-Chloroethoxy)methane	2.4-Dichlorophenol	Berzoic Acid	1,24-Trichlorobenzene

Nominal CRDL ug/kg 330 330 330 330 antadiene	RB-HW- D6 D7	1020 01/30/90 01/31/90 13 13 1320 1320 1320 1320 1320 1320 13	1645.07 1645.08	Soil		-	380 U 410 U	-	-	_	၁	-)	ɔ :))	> :	- :) :	-	-	-	-	380 U 410 U	>	D
ved: ved: ved: ved: titles titles ved: aphthalene aphthalene sphthalene sphthalene sphthalene sphthalene sphthalene sphthalene sphthalene sphthalene stoluene stoluene stoluene stoluene stoluene stoluene stoluene	u.			Nominal	CRDL	ug/kg 330	330	330	330	330	330	330	1600	330	1 6 00	99	88	330	1600	88	1600	330	1600 000	330	88	330
Sample ID: Date Samp Date Receive Mate Received Materia: Matrix: Matrix: Matrix: Matrix: A-Chloro- 2-Methyling Hexachloro 4-Chloro- 2-Methyling Hexachloro 4-Chloron 2-Methyling Hexachloro 2-Methyling Semi-Vola Matrix: A-Chloron 3-Nitrophis 2-A-Dinitro Fluorene	Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix:	Parameter	Semi-Volatiles Nachthalene	4-Chloroaniline	Hexachlorobutadiene	4-Chloro-3-Methylphenol	2-Methylnaphthalene	Hexachlorocyclopentadiene	2,4,6 - Trichlorophenol	2,4,5-Trichlorophenol	2-Chloronaphthalene	2-Nitroaniline	Dimethyphthalate	Acenephthylene	2,6-Dinitrotoluene	3-Nitroaniline	Acenaphthene	2,4-Dintrophenol	Diberzofuran	4-Nitrophenol	2,4-Dinitrotoluene	Fluorene	Diethyphthalate

-MB-HW- RB-HW- D6 D7	1020 01/30/90 01/31/90 01/31/90 13 20	1645.07 1645.08	Soil	CRDL	330 380 U 410	1800 U	•	D	380 U	380 U	1800 U	380 U	380 N	380 U	380 ∩	380 U	380 ∩	380 U	760 U		380 N	380 ח	380 U	
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix:	Parameter Semi_Voletibe	4-Chlorod	4-Nitroaniine		N-Nitrosodipherylamine	4-Bromophenyl-phenylether	Hexachlorobenzene	Pentachlorophenol	Phenanthrene	Anthracene	Di-n-Butyphthalate	Fluoranthene	Pyrene	Butyfbenzyphthalate	Berzo(a) Anthracene	3,3 - Dichlorobenzidine	Chrysene	hie (2 - Fith when will Phthalata			

RB-HW- RB-HW- D6 D7	1020 01/30/90 01/31/90 01/31/90 13 20	1645.07 1645.08	Soil Soil Soil Nominal CRDL 330 380 U 410 U 410 U 330 380 U 410 U 410 U 330 380 U 410 U
Sample ID:	Time: Date Sampled: Date Received: ** Moisture:	Lab ID:	Matrix: Parameter Semi-Volatiles Indeno(1,2,3-cd)Pyrene Diberz(a,h)Anthracene Berzo(g,h,i)Perylene

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID: AB1-	SS1 SS1 Dete Sampled: 01/22/90 Dete Received: 01/22/90 % Solide: 84.5	Lab ID: 1630.01	Matrix: Soil	Parameter Nominal	Metals mg/Kg	Antimony 6 4.8 Ul	-	. 0.5	0.5	•	25	0.3	0.1	4	0.5	-	-	2 101
RB-HW- AB1-	SS2 1000 01/22/90 01/23/90 86.0	1630.02	Soil															92.1
RB-HW- AB2-	SS1 1500 01/22/90 01/23/90 87.2	1630.03	Soil			4.6 UNR	18.8 NJ	0.57	0.34 B	14.9	30.3	17.9	0.057 U	37.6	0.19 UNWJ	0.75 U	1.1 BNJ	91.9
RB-HW- AB2-	SS2 1500 01/22/90 01/23/90 86.9	1630.04	Soil			4.7 UNR	13.7 NJ	0.35 B	0.35 B	13.4	25.9	15.3	0.058 U	25.9	0.50 NJ	0.77 U	0.72 BNJ	84

Sample ID:	Time:	Date Sampled: Date Received:	% Solids:	Lab ID:	Matrix:	Parameter	Motals	Antimony	Arsenic	Beryllum	Cadmium	Chromium	Copper	1.080	Mercury				Theffum	Zinc
						Nominal	CHDL mg/Kg	9	-	0.5	0.5	_	2.5	ල ල	0.1	4	0.5	•	~	Q
RB-HW- AB3-	SS1 0835	01/23/90 01/24/90	83.7	1633.01	Soil			4.7 UNR	20.4 NJ	0.58	0.58	17.4	24.9	20.	0.06 U	25.2	0.32 BNJ	0.77 ∪	0.59 BNJ	82.6
RB-HW- AB3-	SS2 0900	01/23/90	87.8	1633.02	Soil			4.5 UNR	12.8 NJ	0.34 B	0.45 B	10.8	83	14.8	0.067 U	21.8	0.55 NWJ	0.74 U	0.36 BNJ	80.9
RB-HW- AB4-	SS1	01/23/90	83.1	1633.03	Soil			5 UNR	15.2 NJ	-	0.5 B	223	21.2	* 385	0.06 U	21.8	0.47 BNJ	0.83 U	0.61 BNJ	166
RB-HW- AB4-	SS2	01/23/90	86.9	1633.04	Soil			4.5 UNR	16.3 N.I	62.0	0.45 B	10.8	20.4	20.3 *	0.058 U	27.8	0.35 BNWJ	0.74 U	0.46 BNJ	90.3

Sample ID:	Time:	Date Sampled:	Date Medelved:	A COROS:		Matrix:	Parameter	motals	Antimony	Arsenic	Beryllium .	Cadmium	Chromium	Copper		Mercury		Selenium	Silver	Theffice	Zinc
							Nominal	CKDL mg/kg	9	-	0.5	0.5	_	2.5	0.3	0.1	4	0.5	-	-	N
RB-HW- AB5-	SS1 1430	01/22/90	01/23/90	88 8 9	1630.05	Soil			4.5 UNR	13.9 NJ	0.67	0.45 B	16.5	29.4	16.1	0.056 U	31.1	0.2 BNWJ	0.74 U	0.53 BNJ	86.3
RB-HW- AB5-	SS2 1430	01/22/90	01/23/90	87.0	1630.06	Soil			4.5 UNR	14.4 NJ	0.33 B	0.22 B	11.6	27.1	15.4	0.057 U	24.8	0.55 BNWJ	0.74 U	0.38 BNJ	85.8
RB-HW- AB6-	SS1 1100	01/23/90	01/24/90	86.6	1633.05	Soil			4.5 UNR	22.2 NJ	0.33 B	3.3	16.5	36.9	19.5 *	0.058 U	25.2	0.29 BNWJ	0.73 U	0.88 BNJ	83.1
RB−HW~ AB6-	SS2 1115	01/23/90	01/24/90	82.9	1633.06	Soil			3.9 UNR	20.3 N.J	0.22 U	0.49	12.4	25.7	14.8	0.06 U	20.3	0.53 BNWJ	0.64	0.30 BNJ	85.7

	Time: 1400 Date Sampled: 01/23/90 Date Received: 01/24/90 % Solids: 81.7	1633.07	Soil	Parameter Nominal	CHDL mg/Kg	Antimony 6 5.1 UNR	-	0.5	0.5	-	25	0.3	0.1	4	0.5	•	-	2
-MH-8F AB7-	SS2 1410 01/23/90 01/24/90 87.0	1633.08	Soil			4.4 UNJ	21 NJ	0.33 B	0.55	11.5	23.6	16.7	0.057 U	25.7	0.34 BNWJ	0.72 U	0.54 BNJ	82.9
RB-HW- AB8-	SS1 1320 01/22/90 01/23/90 87.8	1630.07	Soil			4.5 UNJ	16.8 NJ	0.45 B	0.68	13.6	78	15.7	0.057 U	æ	0.25 BNWJ	0.74 U	0.63 BNJ	822
RB-HW- AB8-	SS2 1320 01/22/90 01/23/90 84.8	1630.08	Soil			5 UNR	17.4 N.I	0.37 B	0.37 B	15.9	30.2	14.9	0.059 U	22.2	0.35 BNW.	280	0.46 BNJ	93.7

Sample ID:	Time.	Date Sampled:	Solids:			Matrix:	Parameter	Metais	Antimony	Avaenic	Berylli um	Cadmium	Chromium	Copper	read	Mercury	ZKe	Selenium			Zinc
							Nominal	CHDL mg/Kg	ထ	_	0.5	0.5	-	2.5	0.3	0.1	4	0.5	_	-	8
RB-HW- AB9-	SS1	01/23/90	01/24/90 83.5	1633 09		Soil			4.9 UNJ	20.7 NJ	0.49 B	0.49 B	16.9	27.7	27.7 S	0.06 U	30.6	0.21 UNJ	0.81 ∪	0.48 BNJ	97.2
RB-HW- AB9-	SS2	01/23/90	01/24/90 82 7	1833 10	2	Soil			6 BNJ	16.1 NJ	29.0	0.51 B	17.3	24.9	19.5	0.06 U	30.7	0.21 UNJ	0.84 ∪	0.74 BNJ	6:06
RB-HW- AB10-	SS1	0350 01/23/90	01/24/90 83 g	1633 44	3	Soil			4.7 UNR	21 N.J	0.58	0.35 B	17.8	29.4	17.6	0.06 U	28.6	0.19 UNJ	0.76 U	0.56 BNJ	90.5
RBHW-	SSS	0345 01/23/90	01/24/90		1003.12	Soil			4.8 UNR	15 N	90	0.24 B	17.1	21.4	19.8	O.06 U	32.1	0.31 BNWJ	0.79 U	0.69 B	76.1

Sample ID: RB-HW- RB AB11-SS4 AB1	Time: Date Sampled: Date Received: X. Solids:	1643.07	Soil	Parameter Nominal CRDL	Antimony 6 2.7 UNJ	-	0.5	0.5	•	2.5	0.3	0.1	4	0.5	_		α
RB-HW- AB11-SS7	1110 01/26/90 01/30/90 89.2	1643.08	Soil		2.7 UNJ	11.2	0.2 B	0.13 B	5.5	22.4 NJ	10.6 N*J	0.087 B	23.3	0.29 BW	0.4± C	0.096 UNW	79.3 NJ
RB-HW- AB12-SS3	0930 01/24/90 01/25/90 84.1	1636.01	Soil		4.5 LIN.1	135	0.67	0.4 B	13.6	25.3 NJ	37 N*J	0.059 U	25.9	0.38 BW	0.73 U	0.1 UNW	78.6 NJ
RB-HW- AB12-SS7	1030 01/24/90 01/25/90 85.9	1636.02	Soil		NIOE			1810	9.5	21.7 NJ	14.1 N*.	0.064 B	14.5	0.26 BW	280	0.12 BNW.I	32.8 NJ

Sample ID:	Time: Dete Sampled: Dete Received: % Solids:	Lab ID:	Matrix:	Parameter	Metals	Antimony		aryticm aryticm	admium	homium	Jeddo		woury	CKei	Herrium	,	
				Nominal	CRDL mg/Kg	9	•	0.5	0.5	-	2.5	0.3	0.1	4	0.5	-	-
RB-HW- AB15-SS3	1030 01/25/90 01/26/90 80.8	1637.04	So <u>i</u>			4.9 UNJ	14.8	0.73	0.23 U	18.2	23.7 NJ	15.8 N*J	0.096 B	27.2	0.21 UW	0.8 ∪	0.11 UNW
RB-HW- AB15-SS8	1150 01/25/90 01/26/90 89.9	1637.05	Soil			2.6 UNJ	14.5	22.0	0.13 B	18.4	19.9 NJ	13.2 N*J	0.16	30.3	0.31 BW	0.43 U	0.094 UNW
RB-HW- MW4-SS2	1345 01/29/90 01/30/90 88.1	1643.04	Soil			3.2 UNJ	17.4	0.30	0.24 B	60.	28.7 NJ	15.7 N*J	0.057 U	24	0.18 BW	0.52 U	0.34 BNWJ
RB-HW- MW4-SS3	1400 01/29/90 01/30/90 88 1	1643.05	Soil			(r)	σ		90	7	6	<u> </u>	0.057 11	25.	0.5	60	0.27

ANALYTICAL RESULTS OF SOILS (3'-27') AT THE HWSA RICKENBACKER ANGB-OHIO

Sample ID:		RB-HW- MW5-SS2	RB~HW- MW5~SS3	RB-HW- MW6-SS2	RB-HW-
Time: Date Sampled: Date Received:		0945 01/31/90 02/01/90 86.3	1000 01/31/90 02/01/90 90.2	1000 01/30/90 01/31/90 88.0	1030 01/30/90 01/31/90 88.4
Lab ID: Matrix:		1647.01 A Soil	1647.02 A Soil	1645.01 A Soil	1645.02 A Soil
Parameter Metals	Nominal CRDL mg/Kg				
Antimony Arsenic Beryflium Cadmium Chromium Copper Lead Mercury Nickel Selenium Silver Thallium Zinc	8 - 0.0 0.0 0. 8 - 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	4.5 UNR 26 NJ 0.57 0.23 B 16.5 18.8 NSJ 0.055 U 26 0.51 N+J 0.75 U	4.2 UNR 8.3 NJ 0.32 B 0.21 B 9.8 57.4 * 17.6 NJ 0.058 U 13.7 0.18 BNSJ 0.7 U 0.058 U	4.4 UNR 19.6 NJ 0.54 0.33 B 16 29.9 * 18.7 NSJ 0.057 U 28.6 0.72 U 0.72 U 0.72 U	3.9 UNR 11.3 NJ 0.49 0.2 B 14.5 21.6 * 15.1 NSJ 0.057 U 28.5 0.98 NSJ 0.65 U 0.078 UW
		})		16.0

		HB-HW- MW9-SS2	RB-HW- MW9-SS3	RB-HW- D4	RB-HW- D5
Time: Date Sampled: Date Received:		950 02/09/90 02/13/90 86.4	1000 02/09/90 02/13/90 81.2	1130 01/25/90 01/26/90 87.0	1530 01/25/90 01/26/90 86.3
Lab (D:		1665.03	1665.04	1637.06	1637.03
Matrix:		Soil B	B Soil	Soil	Soil
Parameter	Nominal				
Metais	CRDL mg/Kg				
Antimony	9	4.2 UNR	4.2 UNR	2.8 UNJ	<u>е</u>
Arsenic	-	16.2 NJ	22.2 N.J	13.4	
Beryllium	0.5	0.62	0.72	0.49	9.50
Cadmium	0.5	0.31 B	0.21 B	0.28 8	0.15
Chromium	-	13.1	13.6	13.6	11.7
Copper	2.5	24.6	24.9	22.4 NJ	19.9
Lead	0.3	13.8 NJ	18.4 NJ	22.2 N*J	14.6
Mercury	0.1	0.0 5 8 U	0.062 U	0.057 U	0
Nickel	◀	31	33	27.4	8
Ence	0.5	0.48 BS	0.21 UW	0.36 BW	0 8
SING	-	0.68 U	0.68 U	0.46 U	0.5
	•	0.4 B	0.49 B	0.35 BNWJ	0.11
Zinc	8	84.7	87.1	91.1 NJ	. Y

RB-HW- D7	1320 01/30/90 01/31/90 79.7	1645.08 A Soil		5 UNR 15.6 N+J 0.74 0.23 U 24.2 * 24.2 * 26.7 NSJ 0.063 U 31.5 0.39 BNWJ 0.23 B 87.6
RB-HW- D6	1020 01/30/90 01/31/90 86.9	1645.07 A Soil		4 UNR 11.1 NSJ 0.6 0.7 17.3 19.5 * 9.6 NJ 0.058 U 24.5 0.47 N+J 0.66 U 0.075 U
			Nominal CRDL mg/Kg	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Sample ID:	Time: Date Sampled: Date Received: % Solids:	Lab ID: Matrix:	Parameter Metals	Antimony Arsenic Beryllium Cadmium Chromium Chromium Copper Lead Mercury Nickel Selenium Silver Thallium
			E-1	142

Footnotes:

+--correlation co-efficient for the MSA is less than 0.995.

*--duplicate analysis not within control limits.

B--reported value is less than the reporting limit, but greater than the IDL.

J--the value reported is an estimated concentration.

N---spiked sample recovery, not within control limits.

S--reported value was determined by the Method of Standard Additions. R--quality control indicates that data are not usable

U--compound was analyzed for, but not detected.

W--post digestion spike for Furnace AA analysis out of control limits (85--115%), while sample absorbance is less than 50% of spike absorbance.

Sample ID:		RB-HW- MW1-GW2	RB-HW- MW2-GW2	RB-HW- MW3-GW2	RB-HW- MW4-GW1
Time: Date Sampled: Date Received: % Moisture:		1410 02/06/90 02/08/90 NA	1010 02/07/90 02/08/90 NA	1345 02/06/90 02/08/90 NA	1420 02/06/90 02/08/90 NA
Lab ID:		1657.03	1657.09	1657.02	1657.04
Matrix:		Water	Water	Water	Water
Parameter Volatiles	CRDL ug/L				
Chloromethane	5 5	5	J 0 5	0.00	1 0 t
Viny Chloride	5 6	5 6	5 C	5 5	5 6
Chloroethane	P	10 U	10 U	10 U	10 U
Methylene_Chloride	10	20	20	2 U	5 U
Acrolein	0	10 U	10 U	10 U	10 U
Acetone Acrytonitrile	우 우	8 5 5 1	186 100 100 100 100		
Carbon Disuffide	9	J 0-	10 0	10 U	10 U
Trichlorofluoromethane	5	ۍ ت	10 C	10 U	5 D 5
1.1-Dichloroethane	5 6	o o o	o	o c	2 0
trans-1,2-Dichloroethene	9	20	20	_	0 S 2 U
Chloroform	10	20	20		5 U
1,2-Dichloroethane	9	20	5 U	2 C	5 U
2-Butanone	9	180 U :	100 L		100 U
1,1,1 — Inchioroemane Certon Tetraphicide	5 5) 2 3 4	20	20.0)
Viryl Acetate	2 9	20.05	50 1	50.05	0.05
Bromodichloromethane	9)) ()))) (2))))

ß	Sample ID:		RB-HW- MW1-GW2	RB-HW- MW2-GW2	RB-HW- MW3-GW2	RB-HW- MW4-GW1
¥ãã≒	Time: Date Sampled: Date Received:		1410 02/06/90 02/08/90 NA	1010 02/07/90 02/08/90 NA	1345 02/06/90 02/08/90 NA	1420 02/06/90 02/08/90 NA
25	Lab ID:		1657.03	1657.09	1657.02	1657.04
ž	Matrix:	Nominal	Water	Water	Water	Water
₹ >	Parameter Volatiles	CRDL				
77	1,2-Dichloropropane	5	20	၁	9.0	5 U
· ぎ i	cis-1,3-Dichloropropene	9	⊃ :	5 C	N 5)
= 4	Trichloroethene Remone	5 5	560 0) (7 5 U	2 2 2 2
3 5	Dibromochloromethane	5 5	2 2	200	200	5.0
-	1,1,2-Trichloroethane	9	20	2 0	9 n	20
tra	trans-1,3-Dichloropropene	9	9 2	9 O	2 2	ာ
6	2-Chloroethylvinylether	9	10 U	10 C	10 C	D 6
à c	Bromoform	5 5	<u>ာ</u> ရ	ე წ	ე <u>.</u>	ე დ ე
¼ 4	Z-Mexanone A-Methyl-2-nemboone	5 5) 	20.05	20 CS)
-		5	2 2) S S	200	35
-	1,1,2,2—Tetrachloroethane	0	5 U	9.0	5 U	0 S
2	Toluene	5	5 U	5 U	5 U	9 0
Ö	Chlorobenzene	5	20	9 N	2 U	50
缸	Ethytbergene	9	110	20	2 C	5
あ	Styrene	9	2 C	5 U	5 U	5 U
Ē	m/p-Xytene	9	35	25	2 C	5.
ò	o-Xylene	9	98	20	20	20
	1,3-Dichlorobenzene	6	2 0	20	5 U	∩ s

Sample ID:		RB-HW- MW1-GW2	RB-HW- MW2-GW2	RB-HW- MW3-GW2	RB-HW- MW4-GW1
Time: Date Sampled: Date Received: % Moisture:		1410 02/06/90 02/08/90 NA	1010 02/07/90 02/08/90 NA	1345 02/06/90 02/08/90 NA	1420 02/06/90 02/08/90 NA
Lab ID:		1657.03	1657.09	1657.02	1657.04
Matrix:	Nominal	Water	Water	Water	Water
Parameter Volatiles	CRDL ug/L				
1,2/1,4 - Dichlorobenzene	0	J 8	20	១៩	n s

Footnotes:

D--result is calculated from a greater dilution than the primary analysis.

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- MW6-GW1	RB-HW- MW7-GW1	RB-HW- MW8-GW1	RB-HW- MW9-GW1
Time: Date Sampled: Date Received: % Moisture:		1040 02/07/90 02/08/90 NA	1015 02/07/90 02/08/90 NA	0945 02/07/90 02/08/90 NA	0900 02/16/90 02/20/90 NA
Lab ID:		1657.12	1657.13	1657.15	1669.01
Matrix:	Nominal	Water	Water	Water	Water
Parameter Volatiles	CRDL ug/L				
Chloromethane	5 5	10 U	100 t U 00 t	J 01	10 U
Vinyl Chloride	5	10 U	100 U	10 U	10 U
Chloroethane	10	10 U	100 U	10 U	10 U
Methylene_Chloride	6) (2)	50 CT	5 U	50
Acetone	5 5	5.6 5.0	2.00 2.00 3.00 3.00	5 6 5 5	5 6 5 U
Acrylonitrile	10	10 U	100 U	10 U	10 U
Carbon Disuffide	5	0 €) 	0 0 0 1	9 5
1.1-Dichloroethene	5 5	2 2 2 3 3	2000	3 C	5. 5.U
1,1-Dichloroethane	0	2 U	O 09	5 U	5 U
trans-1,2-Dichloroethene	9	&	∩ 03 20 (1) 2 1	5 U
Chloroform	9	2 €	20.5	⊃ : 2 ∩	5 U
1,2 Dichloroethane	9	3	⊃ : •	n s ;	2 0
2-Butanone	9	9 9 1	1000	100 L	100 0
1,1,1—Inchloroemane	2 :	ວ : ດ ເ) (2)	ה הי	ה ה ה
Carbon Tetrachioride	9	ე : :		O :	
Vinyl Acetate	2 ;	ວ : ຄ) (2)	9 2	ה ה
Bromodichloromethane	D ב	ာ	O 06	O	ე ი

Sample ID:		RB-HW- MW6-GW1	RB-HW- MW7-GW1	RB-HW- MW8-GW1	RB-HW- MW9-GW1
Time: Date Sampled: Date Received: % Moisture:		1040 02/07/90 02/08/90 NA	1015 02/07/90 02/08/90 NA	0945 02/07/90 02/08/90 NA	0900 02/16/90 02/20/90 NA
Lab ID:		1657.12	1657.13	1657.15	1669.01
Matrix:	N	Water	Water	Water	Water
Parameter Volatiles	CRDL ug/L				
1,2-Dichloropropane	10	3.5	50 U	ລະ	25.
cis-1,3-Dichloropropene Trichloroethene	6 6	.5 U 78	⊃ ⊃ & &	ე ა ი	ည ရ (၁)
Berzene	9	20	500	2 0	5 U
Dibromochloromethane	10	2 0	20 U	9 n	_
1,1,2—Trichloroethane	9	5 U	20 C) (2)	
trans-1,3-Dichloropropene	6 ÷		8 £	5. 1. 0.	50
Bromoform	5 5	5 5 5 7	2 2 2		200
2-Hexanone	10	20 N	200 U	20 N	
4-Methyl-2-pentanone	9	⊃ °	200 N	⊃ °	
Tetrachloroethene	6	⊃ =	20 0) (3)) S
Toluene	2 0) ()	20 C))))	
Chlorobenzene	9	2 0	20 U	5 U	
Ethylberzene	9	20	6	5 U	
Styrene	9	20	⊃ 20 20	5 U	
m/p-Xylene	9	⊃ :	ر الا) (2)	⊃ :
o-Xylene	5 6	⊃ : 	0.2	⊃ <u>-</u>	
1,3Dichloroberzene	2	O	O 00	O	

Sample ID:		RB-HW- MW6-GW1	RB-HW- MW7-GW1	RB-HW- MW8-GW1	RB-HW- MW9-GW1
Time: Date Sampled: Date Received:		1040 02/07/90 02/08/90 NA	1015 02/07/90 02/08/90 NA	0945 02/07/90 02/08/90 NA	0900 02/16/90 02/20/90 NA
Lab ID:		1657.12	1657.13	1657.15	1669.01
Matrix:		Water	Water	Water	Water
Parameter Volatiles	CRDL ug/L				
1,2/1,4-Dichlorobenzene	10	20	20 N	5 U	9 N

Footnotes:

D -- result is calculated from a greater dilution than the primary analysis.

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

RB-HW- D9	0955 02/07/90 02/08/90 NA	1657.10	Water	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
RB-HW- D8	1015 02/07/90 02/09/90	1660.02	Water	Analyzed
			Nominal CRDL ug/L	555555555555555
Sample ID:	Time: Date Sampled: Date Received: * Moisture:	Lab ID:	Matrix: Parameter Volatiles	Chloromethane Bromomethane Vinyl Chloride Chloroethane Methylene Chloride Acrolein Acatone Acylonitrile Carbon Disulfide Trichloroethane 1,1 - Dichloroethane 1,2 - Dichloroethane trans-1,2 - Dichloroethane Chloroform 1,2 - Dichloroethane 2 - Butanone 1,1 - Trichloroethane Chloroform 1,2 - Dichloroethane Chloroform 1,2 - Dichloroethane Chloroform 1,2 - Dichloroethane Chloroform 1,3 - Trichloroethane Chloroform 1,4 - Trichloroethane 2 - Butanone 1,1,1 - Trichloroethane Carbon Tetrachloride Vinyl Acetate

RB-HW- D9	0955 02/07/90 02/08/90 NA	1657.10	Water	ი ი ი ი ი ი ი ი ი ი ი ი ი ი ი ი ი ი ი
RBHW D8	1015 02/07/90 02/09/90	1660.02	Water	
			Nominal CRDL ug/L	555555555555555
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix: Parameter Volatiles	1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Berzene Dibromochloromethane 1,1,2-Trichloroethane trans-1,3-Dichloropropene 2-Chloroethylvinylether Bromoform 2-Hexanone 4-Methyl-2-pentanone Tetrachloroethene 1,1,2,2-Tetrachloroethane Totuene Chloroberzene Ethylberzene Styrene m/p-Xylene 0-Xylene 0-Xylene
			(E-151

Sample ID:	RB-HW- D8	RB-HW- D9
Time: Date Sampled: Date Received:	1015 02/07/90 02/09/90	0965 02/07/90 02/08/90
% Moisture:		V
Matrix:	1660.02 Water	1657.10 Water
Parameter Volatiles	Nominal CRDL ug/L	

Footnotes:

D--result is calculated from a greater dilution than the primary analysis. J--the value reported is an estimated concentration.U--the compound was analyzed for, but not detected.

1,2/1,4-Dichlorobenzene

50

9

	Sample ID: :		RB-HW- MW1-GW2	RB-HW- MW2-GW2	RB-HW- MW3-GW2	RB-HW- MW4-GW1
	Time: Date Sampled: Date Received: % Moisture:		1410 02/06/90 02/08/90 NA	1010 02/07/90 02/08/90 NA	1345 02/06/90 02/08/90 NA	1420 02/06/90 02/08/90 NA
	Lab ID:		1657.03	1657.09	1657.02	1657.04
	Matrix:	Nominal	Water	Water	Water	Water
	Parameter Semi – Volatiles	CRDL ug/L				
E_162	N-Nitroso-Dimethylamine bis/2-Chlorosthyllether	55	J 01	10 t	. 01 L 01	
	1,3-Dichloroberzene	5 6	5 5 5 □	100	10 J	10 U
	1,4 Dichlorobertzene	10		10 U	10 J	
	Berzyl Alcohol	9	_	10 U	10 J	10 t
	1,2—Dichloroberzene Ne <i>t</i> — chlorojeonropy (Fiber	e	0 €	0 0 0	0 7	
	N-Nitroso-Di-n-Propylamine	2 9		5 5 5 0	5 5 5 5 5	5 5
	Hexachloroethane	10		10 U	10 J	10 U
	Nitrobenzene	9		10 U	10 J	10 t
	Isophorone	5	_	10 10	1 0	10
	bis(2-Chloroethoxy)methane	9		10 C	10 j	
	1,2,4—Trichlorobenzene	9		0 0 0	L 0 ;	
	Naphthalene	9		10 C	10 J	10 U
	4-Chloroaniline	9	_	10 C	10 J	10 U
	Hexachlorobutadiene	9	-	J 01	10 J	10 L
	2-Methymaphthalene	9	>		10 J	10 U
	Hexachlorocyclopentadiene	9	_	10 U	10 J	10 U
	2-Chloronaphthalene	9	_	10 C	10 J	10 U
	2-Nitroaniline	2	20 C	20 C	20 J	20 C

Sample ID: :		RB-HW- MW1-GW2	RB-HW- MW2-GW2	RB-HW- MW3-GW2	RB-HW- MW4-GW1
Time: Date Sampled: Date Received: % Moisture:		1410 02/06/90 02/08/90 NA	1010 02/07/90 . 02/08/90 NA	1345 02/06/90 02/08/90 NA	1420 02/06/90 02/08/90 NA
Lab ID:		1657.03	1657.09	1657.02	1657.04
Matrix: Parameter Semi Volatiles	Nominal CRDL ug/L	Water	Water	Water	Water
Dimethybhthalate	, 0	10 01	100	t 0t	10 U
Acenaphthylene	9	10 t	10 U	J 0 1	10 U
2,6- Dinitrotoluene 3- Nimeniline	6 &		10 U	- 05 - 05	
Acenaphthene	3 ₽	3 5 0 0	10 10	10 10	
Diberzofuran	9		10 U	10 1	
2,4-Dinitrotoluene Fixorene	5	0 0 0 0 0 0	100	10. 10.	÷ 5
Diethyphthalate	5 6	_	10 U	L 01	
4-Chlorophenyi-phenylether	6 8	± 00 €	10 C	10 J	
N-Nitrosodiphenylamine	3 2			101	
4-Bromophenyl-phenylether	10		10 U	10 J	
Hexachlorobenzene	9	_		10 J	
Phenanthrene	9		10 U	10 J	
	6			700	
D/-n-butyphthalate Fluoranthene	2 ₽	5 5 5 5	5 C	. O. C.	5 5 5 5
Pyrene	10			10 J	
Butylbenzylphthalate	10	10 U	10 U	10 J	

Sample ID: :		RB-HW- MW1-GW2	RB-HW- MW2-GW2	RB-HW- MW3-GW2	RB-HW- MW4-GW1
Time: Date Sampled: Date Received:		1410 02/06/90 02/08/90	1010 02/07/90 02/08/90	1345 02/06/90	1420 02/06/90
% Moisture:		V	NA	NA	NA NA
Lab ID:		1657.03	1657.09	1657.02	1657.04
Matrix:		Water	Water	Water	Water
Parameter Semi – Volatiles	Nominal CRDL ug/L				
Berzo(a) Anthracene	10	10 U	10 U	10 J	10 U
3,3' - Dichlorobenzidine	9	00 20 ∩	20 N	20.7	20 02
Chrysene	9		10 U	10 J	
bis(2-Ethylhexyl)Phthalate	9	10 U		10 J	
U-n-octyphtralate	9		10 U	10 J	
Derizo(b) Filogranthene	9			10 J	
Berzo(k) Filoranthene	우 :		10 U	10 J	
Berzo(a) Pyrene	9		10 U	10 J	10 U
indeno(1,2,3-cd)Pyrene	우 :	10 C	10 U	10 J	
Ulbertz (a,n) Anthracene	9 9	10 U	10 U	10 J	
	10	10 0	10 U	10 J	10 U

Footnotes:

J--the value reported is an estimated concentration.
 U--the compound was analyzed for, but not detected.

Sample ID: :		RB-HW- MW6-GW1	RB-HW- MW7-GW1	RB-HW- MW8-GW1	RB-HW- MW9-GW1
Time: Date Sampled: Date Received: % Moisture:		1040 02/07/90 02/08/90 NA	1015 02/07/90 02/08/90 NA	0945 02/07/90 02/08/90 NA	0900 02/16/90 02/20/90 NA
Lab 10:		1657.12	1657.13	1657.15	1669.01
Matrix:	Nominal	Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
Dimethylphthalate	5 5	J 0 5	0 t	J 00 0	700
Acenaphinylene 2.6 Dinitrotoluene	5 5	5 6	5 5	5 5 0 0	
3-Nitroaniline	20		D 05	20 N	_
Acenaphthene	10		10 U	10 U	
Dibenzofuran	10		10 U		10 U
2,4-Dinitrotoluene	9	10 U	10 €	10 U	
Fluorene	10		10 U	10 C	
Diethylphthalate	2	0 0	000	0 C	10 t
4 - Circle Straight Friends and 4 - Nitrogenitine	2 6		2000	_	
N-Nitrosodiphenylamine	10		10 U		
4-Bromophenyl-phenylether	10				
Hexachlorobenzene	t	10 U			
Phenanthrene	t				_
Anthracene	9	10 O			
Oi-n-Butyphthalate	5		_	10 U	_
Fluoranthene	10		10 U	10 U	
Pyrene	9		10 C	10 C	
Butylbenzylphthalate	9	10 U	10 U	10 U	10 U

Sample ID: :		RB-HW- MW6-GW1	RB-HW- MW7-GW1	RB-HW- MW8-GW1	RB-HW- MW9-GW1
Time: Date Sampled: Date Received: % Moisture:		1040 02/07/90 02/08/90 NA	1015 02/07/90 02/08/90 NA	0945 02/07/90 02/08/90 NA	0900 02/16/90 02/20/90 NA
Lab ID:		1657.12	1657.13	1657.15	1669.01
Matrix:		Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
Berzo(a) Anthracene	9	10 0	10 U	10 U	10 U
S.S Didilorocenziqine Chassos	9	⊃ : 82 :	. 20 C	20 C	20 U
bie/2 Ethilbow/Obtholote	0 ;	J 0 :	10 U		
Discretification	2 9	10 C	10 U	10 U	10 U
Benzo(h)El conothono	2 9	O :	D :		
	2 9	10 U	10 O		
	2 ;	10 U	10 C		
	2 :	10 U	10 U		
	0	10 C	10 U		
Doze (z. h. i) Boz doze	6	10 U	10 U	10 U	
ber ko(g,n,j) Peryiene	10	10 U	10 U	10 U	

Footnotes:

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

RB-HW- RB-HW- D8 D9	1015 0955 02/07/90 02/07/90 02/09/90 02/08/90 NA	1660.02 1657.10	Water Water		Not 10 U Analyzed 10 U		10 U		J 0 F					_				20 N
Sample ID: :	Time: Date Sampled: Date Received:	Lab ID:	Matrix:	Parameter Semi-Volatiles	N-Nitroso-Dimethylamine 10 bis(2-Chloroethyl)ether 10	loroberzene	1,4-Dichloroberzene 10 Remontal Alcohol	lorobenzene)Ether		thane	probenzene	4-Chloroaniline	Hexachlorobutadiene 10	2-Methylnaphthalene	Hexachlorocyclopentadiene 10	2Chloronaphthalene 10	2-Nitroaniline 50

RB-HW- D9	0955 02/07/90 . 02/08/90 NA	1657.10	Water	5 6 6 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 U
RB-HW-D8	1015 02/07/90 02/09/90	1660.02	Water ninal RDL ug/L	000000000000000000000000000000000000000	500
			Nominal CRDL ug/L	nephenyletherphenyletherphenylether alate	
Sample ID: :	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix: Parameter Semi – Volatiles	alate of the late	riodanimente Pyrene Butylberzylphthalate
				160	

Sample ID:		RB-HW-	RB-HW-	BB-HW-	BB-HW-
		MW3-GW2	MW3-GW2 Filtered	MW4-GW1	MW4-GW1 Filtered
Time:		1345	1345	1420	1420
Date Sampled:		05/06/90	05/06/90	05/06/90	05/06/90
Date Received:		05/08/30	05/08/30	05/08/90	05/08/30
A COHOS:		X	A	V	¥Z
Lab ID:		1657.02	1657.02	1657.04	1657.04
:		ပ	۵	ပ	٥
Matrix:		Water	Water	Water	Water
	Nominal				
Parameter	CRDL				
Metals	ng/L				
Antimony	8	40.2 U	34.6 U	34.6 []	40.2 11
Arsenic	9	5.9 B	2.0 B	18.5	15.0
Beryllium	2	2.3 U	3.8 U	3.8 U	2.3 U
Cadmium	S	1.9 U	4.8 ∪	4.8 U	1.9 U
Chromium	9	8.7 U	9.8 U	39.0	8.7 U
	52	7 B	0.0 O	73.0	4.1 U
	က	9.7 J	5.3	27.1 S	12.5
Mercury	0.2	0.1 U	0.10	0.1 U	0.1 U
	40	23.6 U	31.1 U	73.0	23.6 U
	က္ခ	1.7 U	1.4 U	1.5 BW	1.7 UW
	10	0.6 U	8.9 ∪	0.8	9.9 0.9
	9	0.9 U	0.9 U	0.9 U	0.9 U
Zinc	20	35 J	17.0 BJ	340	10 BJ

Sample ID:	Time: Date Sampled: Date Received: % Solids:	Lab ID: Matrix:	Parameter CRDL Metals ug/L	Antimony Arsenic Arsenic Beryllium Sadmium Cadmium Copper Copper Lead Mercury Nickel Selenium Selenium Silver Thallium Zinc
RB-HW- MW8-GW1	0945 02/07/90 02/08/90 NA	1657.15 C Water		40.2 U 3 B 1.9 U 65 135 58.1 0.1 U 1.7 UW 6.6 U 0.9 U
RB-HW- MW8-GW1	Fiftered 0945 02/07/90 02/08/90 NA	1657.15 D Water		34.6 U 3.1 BW 3.8 U 6.0 U 0.1 U 0.9 U 0.9 U
RB-HW- MW9-GW1	0900 02/16/90 02/20/90 NA	1669.01 C Water		40.2 U 8.4 BS 1.9 U 1.9 U 33.3 0.1 U 6.6 U 6.9 U
RB-HW- MW9-GW1	Filtered 0900 02/16/90 02/20/90 NA	1669.01 D Water		20.2 2.3 2.3 2.4 2.4 2.4 2.4 2.5 2.6 2.6 2.6 2.6 2.6 3.6 3.6 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1

RB-HW- D9 0955 02/07/90 02/08/90 NA	1657.10 C Water	40.2 U 2.3 U 1.9 U 8.7 U 6 B 16.4 S 0.1 U 6.6 U 6.6 U 24 J
RB-HW-D8 D8 1015 02/07/90 02/09/90	1660.02 C Water	40.2 U 1.8 B 1.9 U 50 1.0 C 1.7 UW 6.6 U 0.9 U
	Nominal CRDL ug/L	80 c c 58 c 6 4 c 5 5 8
Sample ID: Time: Date Sampled: Date Received: % Solids:	Lab ID: Matrix: Parameter Metals	Antimony Arsenic Beryllium Cadmium Copper Lead Mercury Nickel Selenium Silver Thallium Zinc

Footnotes:

- +--correlation co-efficient for the MSA is less than 0.995.
- B--reported value is less than the reporting limit, but greater than the IDL.
 - J--the value reported is an estimated concentration.
- S--reported value was determined by the Method of Standard Additions.
- W--post digestion spike for Furnace AA analysis out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance. U--compound was analyzed for, but not detected.

Sample IO::		RB-HW- FB3	RB-HW- FB3	RB-HW- FB4	RB-HW- FB5
Time: Date Sampled: Date Received: % Moisture:		1600 01/22/90 01/19/90 NA	01/22/90 01/19/90	1610 01/22/90 01/19/90 NA	1040 01/29/90 01/19/90
Lab ID:		1630.09	1630.09	1630.10	1643.01
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Chloromethane	10	10 U	Not	10 U	Not
Bromomethane	5 6	100	Analyzed	5 5 5 5	Analyzed
Vinyt Chloride Chloroethane	5. C	5 5		5 6	
Methylene Chloride		3 C		15 B	
Acrolein T		. 0		J 6.	
Acetone Acetonitrile	6 ÷	5 U 5		16 J U Ot	
Carbon Disuffide	2 0	10 C		10 U	
Trichloroffuoromethane		다 다 다		10 U	
1,1-Dichloroethene		⊃ :		יים די	
1,1-Dichloroethane)		ט מ	
		0. 4 0. J		-	
1.2-Dichloroethane		5 U			
2-Butanone		100 L		100 L	
1,1,1-Trichloroethane		တ		7	
Carbon Tetrachloride	ide 10	2 C		2 C	
Vinyl Acetate	10	20 N		50 U	

Sample ID:		RB-HW- FB5	RB-HW- FB5	RB-HW- FB6	RB-HW- FB7
Time: Date Sampled: Date Received: % Moisture:		Ouplicate 1040 01/29/90 01/19/90 NA	1040 01/29/90 01/30/90 NA	1600 01/29/90 01/30/90 NA	1430 02/06/90 02/08/90 NA
Lab ID:		1643.01	1643.01	1643.02	1657.05
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Chloromethane	9	Not	10 U	10 U	10 U
Bromomethane	9	Analyzed	10 U	10 U	10 U
Vinyl Chloride	9) 10 C	10 C	10 t
Chloroethane	0 :		10 :	10 U	10 U
Metnylene_Chloride Acrolein	5 5		9 =	o	5 5 5
Acetone	2 9		15 J	ე ე ე	2 6 2 5 2 5
Acrylonitrile	0		10 U	10 U	10 U
Carbon Disulfide	9		10 U	10 U	10 U
Trichlorofluoromethane	9		10 U		10 U
1,1-Dichloroethene	9		2 U	∩ 2	2 C
1,1-Dichloroethane	9		20		20
trans-1,2-Dichloroethene	9		20	20	20
Chloroform	10		5 J	37	13
1,2-Dichloroethane	9		20	20	90
2-Butanone	9		100 L	100 L	100 L
1,1,1-Trichloroethane	9		20	5 U	2 N
Carbon Tetrachloride	9		20	5 U	20
Vinyl Acetate	9		20 N	50 U	50 U

Sample ID:	RB-HW-	RB-HW-	RB-HW-	RB-HW-
	FB5 Duolicate	FB5	FB6	FB7
Time:	1040	1040	1600	1430
Date Sampled:	01/29/90	01/29/90	01/29/90	05/06/90
Date Received:	01/19/90	01/30/90	01/30/90	05/08/30
% Moisture:	Y	V	Y	¥ Z
Lab ID:	1643.01	1643.01	1643.02	1657.05
Matrix:	Water	Water	Water	Water
Nominal				

Nominal	CRDL	ng/L
	_	
	Parameter	Volatiles

o-Xylene	10	5 U	5 U	
1,3-Dichlorobenzene	10	20		
1,2/1,4-Dichlorobenzene	0	9	2 O	

5 U 5 U 5 U

Footnotes:

B--tha analyte is found in the associated blank as well as in the sample J--the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- FB8	RB-HW- FB9	RB-HW- FB10	RB-HW- RB2
Time: Date Sampled: Date Received: % Moisture:		1440 02/06/90 02/08/90 NA	0930 02/16/90 . 02/20/90 NA	0925 02/16/90 02/20/90 NA	1550 01/22/90 01/19/90 NA
Lab ID:		1657.06	1669.05	1669.02	1630.11
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Chloromethane	10	10 U	10 U	10 U	10 U
Bromomethane	9	10 U	10 t	J 01	10 U
Vinyi Chloride Chloroethane	5 6	5 C	0 C U Ot	0 0	0.00
Methylene Chloride	5 2	2 72	20	4	88
Acrolein	. 01	10 U	10 U	10 U	10 U
Acetone	9	100 U	100 L	100 L	100 L
Acrylonitrile	6 5	0) 	0 C	100
Trichlorofluoromethane	<u> </u>	10 C	10 U	10 U	10 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U
1,1-Dichloroethane	1	2 C		5 U	5 U
trans-1,2-Dichloroethene	9	0 9		20	2 C
Chloroform	9	ဖ	2 U	-	
1,2-Dichloroethane	9	3 C		2.0	5.0
2-Butanone	9	1 80	100 100 100	100 U	100
1,1,1-Trichloroethane	9	7	⊃ : 2 :	∞ :	4 €
Carbon Tetrachloride	9	20	20	2 n	5 0
Vinyl Acetate	10	50 U	20 N	20 U	50 U

	Sample ID:		RB-HW- FB8	RB-HW- FB9	RB-HW- FB10	RB-HW- RB2
	I ime: Date Sampled: Date Received: % Moisture:		1440 02/06/90 02/08/90 NA	02/16/90 02/20/90 NA	02/20/90 02/20/90 NA	01/22/90 01/22/90 01/19/90 NA
	Lab ID:		1657.06	1669.05	1669.02	1630.11 C
	Matrix:		Water	Water	Water	Water
E .47	Parameter Volatiles	Nominal CRDL ug/L				
E	Bromodichloromethane	10	5 U	5 U	ro	
	1,2-Dichloropropane	6	5 U	5 U	2 N	9 O
	cis-1,3-Dichloropropene	9	2 C	2 N	20	
•	Trichloroethene	9	2 N	20	5 U	
•	Berzene	9	2 J	2 ∪	20	0 S
	Dibromochloromethane	9	2 ∩	20	٦ 3	5 U
	1,1,2-Trichloroethane	9	9 N		2 0	5 U
	trans-1,3-Dichloropropene	10	5 U	2 ∩	2 C	5 U
	2-Chloroethylvinylether	0	10 C		10 U	10 U
	Bromoform	9	20	90	⊃ s	2 2
	2-Hexanone	5	20 C	20 N	20 N	20 N
	4-Methyl-2-pentanone	9	∩ 20 C	20 N	20 N	20 U
	Tetrachloroethene	9	2 U	20	5 U	5 U
	1,1,2,2-Tetrachloroethane	0	2 U	5 U	5 U	5 U
	Toluene	9	2 N	5 U	5 U	5 U
	Chlorobenzene	9	2 N	5 U	5 U	5 U
	Ethylberzene	0	2 N	20	5 U	5 U
	Styrene	9	20	5 U	5 U	5 U
	m/p-Xylene	9	2 N	5 U	2 U	5 U

Sample ID:	RB-HW- FB8	RB-HW- FB9	RB-HW- FB10	RB-HW- RB2
Time: Date Sampled: Date Received: % Moisture:	1440 02/06/90 02/08/90 NA	0930 02/16/90 02/20/90 NA	0925 02/16/90 02/20/90 NA	1550 01/22/90 01/19/90 NA
Lab ID:	1657.06	1669.05	1669.02	1630.11
Matrix:	Water	Water	Water	C Water
Nomina	a			

Nominal	CRDL	ug/L
	Parameter	Volatiles

5 U	9 N	5 U
5 U	5 U	2 ∩
6	9	6
o-Xylene	1,3-Dichloroberzene	1,2/1,4-Dichlorobenzene

5 U 5 U 5 U

5 U 5 U 5 U

Footnotes:

B--tha analyte is found in the associated blank as well as in the sample

J- -the value reported is an estimated concentration.
 U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- RB4	RB-HW- RB5	RB-HW- RB6	RB~HW~ RB7
Time: Date Sampled: Date Received: % Moisture:		1520 01/24/90 01/19/90 NA	A	1230 01/26/90 01/30/90 NA	1445 01/29/90 01/30/90 NA
Lab ID:		1636.05	1637.07	1643.10	1643.06
Matrix:		Water	Water	Water	Water
Parameter Vokatiles	Nominal CRDL ug/L				
Chloromethane	0	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U
Vinyl Chloride	9		10 U		10 U
Chloroethane	5		10 U		10 ∪
Methylene_Chloride	9	10 B	4 B	= :	80 j
Acrolein	9	10 U	J 0 1		10 U
Acetone	9		100 T		13 J
Acytonitrile	5 5		100		
Carbon Ciscinide	2 5	2 5	000	0 0	5 5
1.1 – Dichloroethene	5 6		1 20		
1,1-Dichloroethane	9		20	2 U	5 0
trans-1,2-Dichloroethene	9		50	5 U	
Chloroform	9	٦ 9	3 J	72	
1,2-Dichloroethane	5	5 U	2 N	5 U	5 U
2-Butanone	5	100 U	100 U	100 U	100 U
1,1,1-Trichloroethane	9	2 ∩	<u>۔</u> م	2 C	5 U
Carbon Tetrachloride	9	2 ∩	20) (2)	2 0
Vinyl Acetate	1 0	20 N	20 N	20 N	20 O

Sample ID:		RB-HW- RB4	RB-HW- RB5	RB-HW- RB6	RB-HW- RB7
Time: Date Sampled: Date Received: % Moisture:		1520 01/24/90 01/19/90 NA	V	1230 01/26/90 01/30/90 NA	1445 01/29/90 01/30/90 NA
Lab ID:		1636.05	1637.07	1643.10	1643.06
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Bromodichloromethane	01	5 U	5 U	5. U.S.	5 0
1,2-Dichloropropane		⊃ :	ე :	5 U s	ب ا
Trichloroethene)))	ာ က	o o o	9 9 9
Berzene		5 0	5 U	5 U	5 0
Dibromochloromethane		0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 €	5 U	. 5 U
1,1,2-Trichloroethane) () ()	200	5 0 1
trans-1,3-Dichioropropene 2-Chloroethylvinylether	. 10	0 e U 0 t	0 0 0 0	0 0 U O	. 5 . U
Bromoform		9 n	5 U	5 U	9 C
2-Hexanone		20 C	20 C	⊃ : 20 :	20 C
4 - Methyl - 2 - pentanone		200	20 0	က က	50 U
l etrachioroemene) (O :) (
1,1,2,2—Tetrachioroethane		⊃ :	ວ :		
Others	2 4	0 4	ם ב	ה ה ה	0 4
	2 5) <u>-</u>	ם ב	ה ה	ה ע
Chrone	D C	ם בי	0 =	ה ע ה	ט ב
	2 9	ב כ עיר	ב ה	בי פי	ים יים
m/p-Ayrene	2	0 6	0	⊃ c	_

Sample ID: Time: Date Sampled: Date Received: % Moisture:		RB-HW- RB4 1520 01/24/90 01/19/90 NA	RB-HW- RB5	RB-HW RB6 1230 01/26/90 01/30/90 NA	RB-HW- RB7 1445 01/29/90 01/30/90 NA
		1636.05 ට	1637.07	1643.10	1643.06
Matrix:		Water	Water	Water	Water
Parameter Vokatiles	CRDL ug/L				
o-Xylene 1,3-Dichloroberzene 1,2/1,4-Dichloroberzene	5 5 5	5 U 5 U 5 U	5 U 5 U 5 U	5 U 5 U	5 U 5 U 5 U

Footnotes:

B--the analyte is found in the associated blank as well as in the sample J--the value reported is an estimated concentration.
U--the compound was analyzed for, but not detected.

lime: Date Samoled:		RB8	RB9	RB10	RB11
Date Received: % Moisture:		1630 01/30/90 01/31/90 NA	1045 01/31/90 02/01/90 NA	02/06/90 02/08/90 02/08/90	02/07/90 02/08/90 08/90/08/90
Lab ID:		1645.09	1647.03	1657.07	1657.14
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Chloromethane	9	10 U	10 U	10 U	-
Bromomethane	10	10 U	10 U	10 U	101
Vinyl Chloride	10	10 U	10 U	10 U	-
Chloroethane	9	10 U	10 U	10 C	<u></u>
Methylene_Chloride	0	13 B	12 B	19	<u>-</u>
Acrolein	10	10 U	10 U	10 U	-
Acetone	10	4	100 L	100 U	9
Acrylonitrile	5	10 U	10 U	10 U	•
Carbon Disulfide	9	10 U	10 U	10 U	–
Trichlorofluoromethane	10	10 U	10 U	10 U	-
1,1-Dichloroethene	10	20	2 N		
1,1-Dichloroethane	10	5 U	5 U	2 N	
trans-1,2-Dichloroethene	10	5 U	5 U		
Chloroform	10	2 J	2 J	မ	
1,2-Dichloroethane	10	5 0	5 U	5 U	
2-Butanone	10	100 L	100 L	100 U	5
1,1,1-Trichloroethane	0	5 U	5 U	1	
Carbon Tetrachloride	10	5 0	9 0	20	
Virvi Acetate	÷ 5	50 11	50 11	D 05	נה

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Sample ID:		RB-HW- RB8	RB-HW- RB9	RB-HW- RB10	RB-HW- RB11
Time: Date Sampled: Date Received: % Moisture:		1630 01/30/90 01/31/90 NA	1045 01/31/90 02/01/90 NA	1505 02/06/90 02/08/90 NA	1125 02/07/90 02/08/90 NA
Lab ID:		1645.09	1647.03	1657.07	1657.14
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Bromodichloromethane	9	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5	5 U	5 U	9 N	5 U
cis-1,3-Dichloropropene	9	5 U	5 U	2 N	5 U
Trichloroethene	9	2 N	5 U		5 U
Berzene	0	5 U	2 N		
Dibromochloromethane	9	2 €	2 C		
1,1,2-Trichloroethane	9	2 ∩	20		
trans-1,3-Dichloropropene	9	ე დ ე	19	_	
Z-Chioroemyivinyietner Bromoform	5 6) 	0 <u>0</u> 0 0))) () o c
2-Hexanone	9	0 OS	20 N		
4-Methyl-2-pentanone	9	20 N	20 N		
Tetrachloroethene	9	5 U	5 U	_	5 U
1,1,2,2-Tetrachloroethane	10	9 n	5 U		
Toluene	6	2 U	5 U	5 U	_
Chlorobenzene	10	5 U	5 U	5 U	2 €
Ethylberzene	9	2 U	2 N	2 0	5 U
Styrene	10	5 ∪ :	20	5 U	5 U
m/p-Xylene	10	5 U	2 N	5 U	5 U

	Sample ID:		RB-HW- RB8	RB-HW- RB9	RB-HW- RB10	RB-HW- RB11
	Date Sampled:		1630 01/30/90	1045 01/31/90	1505 02/06/90	02/0
	Date Received: % Moisture:		01/31/90 NA	02/01/90 NA	02/08/90 NA	02/08/90 NA
	Lab ID:		1645.09	1647.03	1657.07	1657.14
	Matrix:		Water	Water	Water	Water
.	Parameter Volatiles	Nominal CRDL ug/L				
	o-Xylene 1,3-Dichloroberzene 1,2/1,4-Dichloroberzene	5 0 0	5 5 5 5	5 U S U	5 U 5 U 5 U	

Footnotes:

B--the analyte is found in the associated blank as well as in the sample

J- - the value reported is an estimated concentration.
 U- - the compound was analyzed for, but not detected.

ANALYTICAL PESULTS OF FIELD, RINSE, AND TRIP BLANKS AT THE HWSA RICKENBACKER ANGB-OHIO

≓ &	Sample ID: Time:		RB-HW- RB12 1000	RB-HW- RB13 0940	RB-HW- TB1	RB-HW- TB2
22.2	Date Sampled: Date Received: % Moisture:		02/09/90 02/13/90 NA	02/16/90 02/20/90 NA	W	¥ Z
2	(Jab ID:		1665.01	1669.04	1630.12	1633.13
ž	Matrix:	Norimon	Water	Water	Water	Water
	Parameter Volatiles	CRDL ug/L				
රි. 183	Chloromethane	10	10 U	10 U	10 U	101
	Bromomethane	10	10 U	10 U	10 U	500
₹ {	Vinyl Chloride	0 9	10 U	10 U	10 U	10 L
5 \$	Uniordemane Mat iviene Chloride	2	∩ 0;	10 U	10 U	10 L
¥ Š	Acrolain	2 \$		<u>ي</u> د د	13B	118
₹ ₹	Acetone	2 \$) - -	0 -	100	10 L
Ą	Acrylonitrile	5 5	3 0	10. 10.0	0.00	7 S F
3	Carbon Disulfide	5	10 U	10 U)))	
Ĕ,	Trichloroffuoromethane	9	10 U	10 U	10 U	
	1,1-Dichloroethene	9	2 €	9 C	5 U) S
<u>.</u>	1,1-Dichloroethane	9	ာ		9 n	. S
בי ב <u>י</u>	uans-1,z-Dignioroethene Chloroform	9	2 ∩ 9 ·	2 U	5 U	5 U
5 \$		2 \$	ا تا تا		2 C	5 0
- C	1,2''' Uculoloeulane 2 Butenone	2 4	2 0	9) 2	5 U
1 T	1.1.1—Trichloroethane	5 5	0 2	000	100 U	100 L
Š	Carbon Tetrachlorida	5 5	ם ב	ם ב) (၁))
֓֞֝֟֝֓֓֟֝֟֝֟֝֟ ֓֞	Viny Acetate	2 \$	0 0	o (0 6	
à	n Accidente	2 5) 	က ် တိုင်	20 U	
5		2	ာ	5 U	2 U	

ANALYTICAL RESULTS OF FIELD, RINSE, AND TRIP BLANKS AT THE HWSA RICKENBACKER ANGB-OHIO

	Sample ID:		RB~HW~ RB12	RB-HW- RB13	RB-HW- TB1	RB-HW- TB2
	Time: Date Sampled: Date Received: % Moisture:		1000 02/09/90 02/13/90 NA	0940 02/16/90 02/20/90 NA	Ą	Z A
	Lab ID:		1665.01	1669.04	1630.12	1633.13
	Matrix:	Nominal	Water	Water	Water	Water
2	Parameter Volatiles	CRDL ug/L				
	1,2-Dichloropropane	10	2 U	9 0	ns	D S
	cis-1,3-Dichloropropene	10	5 U	90	5 U	5 U
	Trichloroethene	9	2 C	5 U	2 C	⊃°
	Berzene	9	? 2 ∩	0 S	2 C	2 C
	Dibromochloromethane	10		20	ລະ ີ	2 C
	1,1,2-Trichloroethane	9	2 C	n : ∙	. 5 €	2 C
	trans-1,3-Dichloropropene	9		n 9	<u>ာ</u>	2 C
	2-Chloroethylvinylether	0		10 U	10 U	10 U
	Bromoform	9		2 C	2 N	2 U
	2-Hexanone	9		D 05	D 05	20 U
	4-Methyl-2-pentanone	Q		O :	00°	20 0
	Tetrachloroethene	9	⊃ : 2 :) 20	⊃ : 2	2 U
	1,1,2,2—Tetrachloroethane	9	2 ∩	20	? 2 ∩	2 U
	Toluene	1	2 C	5 U	5 U	5 U
	Chlorobenzene	9	5 U	5 U	5 U	9 0
	Ethylberzene	9	5 U	5 U	5 U	5 U
	Styrene	9	5 U	5 U	5 U	5 U
	m/p-Xylene	9	5 U	5 U	5 U	9 0
	o-Xylene	9	5 U	5 U	5 U	5 U
	1,3-Dichloroberzene	10	5 U	2 C	D S	5 U

RB-HW- RB-HW- TB1 TB2	NA	1630.12 1633.13	Water Water	
RB-HW- RB13		1669.04	Water	
RB-HW- RB12	1000 02/09/90 02/13/90 NA	1665.01	Water	Nominal CRDL ug/L
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix:	Parameter Volatiles

Footnotes:

B--tha analyte is found in the associated blank as well as in the sample

2 C

5 5

2 ∪

5 U

10

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

1,2/1,4-Dichlorobenzene

Time: Date Sampled: Date Received: ** Moisture:

Sample ID:	RB-HW- TB3	RB-HW- TB4	RB-HW- TB5	RB-HW- TB6
Ilme: Date Sampled: Date Received: % Moisture:	Š	¥	¥	ď Z
Lab ID;	1636.06 A	1637.08	1643.09	1643.03
Matrix:	Water	Water	Water	Water
Parameter CRDL Volatiles ug/L				

Footnotes:

1,2/1,4-Dichlorobenzene 1,3-Dichloroberzene

B--tha analyte is found in the associated blank as well as in the sample

5 U 5 U 5 U

5 U 5 U 5 U

5 U 5 U 5 U

5 5 5 5

5 5 5

J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

o-Xylene

	Sample ID:		RB-HW- TB7	RB-HW- TB8	RB-HW- TB9	RB-HW- TB10
	Time: Date Sampled: Date Received: % Moisture:		Ą Z	K	¥ Z	
	Lab ID:		1645.10	1647.04	1657.01	1657.08
	Matrix:		Water	Water	Water	Water
•	Parameter Volatiles	Nominal CRDL ug/L				
	Chloromethane	0	10 U	10 U	10 U	101
	Bromomethane	10	10 U	10 U	10 U	101
	Vinyl Chloride	10	10 U	10 U	10 U	101
	Chloroethane	10	_	10 U	10 U	101
	Methylene_Chloride	10	13 B	16 B	æ	80
	Acrolein	10	_	10 U	10 U	101
	Acetone	9	100 U	₽	100 t	180
	Acrylonitrile	10	10 U	10 U	10 U	101
	Carbon Disulfide	9	10 U	10 U	10 U	101
	Trichlorofluoromethane	10	10 U	10 U	10 U	101
	1,1-Dichloroethene	1	9 0	2 ∩		2 (
	1,1-Dichloroethane	10	5 U	2 U		19
	trans-1,2-Dichloroethene	10	5 U	2 N	9 N	51
	Chloroform	10		5 U	5 U	51
	1,2-Dichloroethane	10	5 U	2 ∪		51
	2-Butanone	10	100 U	100 U		1001
	1.1.1 – Trichloroethane	10	50	5 U	2 U	91
	Carbon Tetrachloride	10	5 0	5 U	5 U	19
	Vinyl Acetate	9	20 N	20 N	20 N	20 (

Sample ID:		RB-HW- RB12	RB-HW- RB13	RB-HW- TB1	RB-HW- TB2
Time: Dete Sampled: Dete Received: % Moisture:		1000 02/09/90 02/13/90 NA	0940 02/16/90 02/20/90 NA	Ā	Š
Lab ID:		1665.01	1669.04	1630.12	1633.13
Matrix:		Water	Water	Water	Water
Parameter Vokatiles	CRDL ug/L				
1,2/1,4-Dichloroberzene	10	2 U	9 0	5 U	5 U

Footnotes:

B—the analyte is found in the associated blank as well as in the sample J—the value reported is an estimated concentration.
U—the compound was analyzed for, but not detected.

Sample ID:	RB-HW- TB3	RB-HW- TB4	RB-HW- TB5	RB-HW- TB6
Time: Date Sampled: Date Received: % Moisture:	¥	A A	Ą	Y
Lab ID:	1636.06	1637.08	1643.09	1643.03
Matrix:	Water	Water	Water	Water
Nominal CRDL CRDL Volatiles ug/L	لد ند چ			
Chloromethane 10		10 U	10 U	
•		0 €		
Vinyl Chloride		0 5		
Noride		22 B		
		10 U		
•		7 92 ;		
Acrylonitrile 10 Carbon Disulfide 10	0 0 0 0	0 0	0 0 0 0	1 0 0 0
ethane 1	100	10 U		
-	2	2 €		
		⊃ : :		
Dichloroethene	io i	5 U	_	
	. S	ກ :		
ethane 1	ည နိ	O	o 6	
	3 "	9 -	3	
1,1,1 - Inchioroemane		- بر - تر	ם בי	
•	2000	20 C	2000	20 C

Sample ID:		RB-HW- TB3	RB-HW- T84	RBHW- TB5	RB-HW- TB6
Time: Date Sampled: Date Received: % Moisture:		Ž	Š	Š	S
Lab ID:		1636.06	1637.08	1643.09	1643.03
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Bromodichloromethane	10	5 U	9.0	2 U	2 U
1,2-Dichloropropane	10	5 U	90	2 U	9 1
cis-1,3-Dichloropropene		20	2 N	5 U	5 U
Trichloroethene		9 N	9 n	5 U	2 0
Bergene	10		20	5 U	2 0
Dibromochloromethane	\$				ာ :
1,1,2-Trichloroethane				20.0	⊃ = 20 =
vans-1,3-Erdhioropropene 2-Chloroethykinylether	10 10	0 oc 0	0 0 U 0 1	0 0 0 0	. 0 U 01
Bromoform	10			5 U	5 U
2-Hexanone	10				20 U
4-Methyl-2-pentanone				20 N	20 C
Tetrachloroethene				20	20
1,1,2,2-Tetrachloroethane				5 U	5 U
Toluene	10			20	2 U
Chlorobenzene	10			20	2 0
Ethylberzene	0	2 U		2 C	2 C
Styrene	10	2 C	2 €	O :	5 C
m/p-Xylene	10	2 ∩	2 C	2 O	5 C

Sample ID:		RB-HW- TB3	RB-HW- TB4	RB-HW- TB5	RB-HW- TB6
Time: Date Sampled: Date Received: % Moisture:		N A	¥	Q	Ž Ž
Lab ID:		1636.06	1637.38	1643.09	1643.03
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
o-Xylene 1,3-Dichloroberzene 1,2/1,4-Dichloroberzene	5 5 5 5	55 C 57 C	5 U 5 U 5 U	5 U 5 U 5 U	5 5 5 5 5

Footnotes:

B--the analyte is found in the associated blank as well as in the sample J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- T87	RB-HW- TB8	RB-HW- TB9	RB-HW- TB10
Time: Date Sampled: Date Received: % Moisture:		Ą	Ą	Ą	
Lab IO:		1645.10	1647.04	1657.01	1657.08
Matrix:		Water	Water	Water	Water
Parameter Volatiles	Nominal CRDL ug/L				
Chloromethane	10	10 U	10 U	10 U	10 U
Bromomethane	5	10 t	10 C	10 t	J 6
Vinyi Chloride Chloroethane	5 6	0 0	5 0	0 0 0 0	5 0 0 0
Methylene Chloride	9	13 B	16 B	&	&
Acrolein _	10	10 U	10 U		10 U
Acetone	5	100 t	ີ ແ ເ		100 100 100 100 100 100 100 100 100 100
Acrylonitrile Carbon Disuffide	2	6 5 5 5	5 5	0 0	5 5 5 0 0
Trichlorofluoromethane	9	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	2 ∩	2 C	2 C	5 U
1,1-Dichloroethane	9) 2 2	2 C	⊃ : 2	5 U
trans-1,2-Dichloroethene	9	5 U		9 0	5 U
Chloroform	9	9 N	20	5 U	5 U
1,2-Dichloroethane	9	3 0	5 U	5 U	5 0
2-Butanone	0	100 L	100 U	100 U	100 U
1,1,1—Trichloroethane	9	5 U	20	5 U	2 U
Carbon Tetrachloride	\$	5 U	20		2 O
Vinyi Acetate	9	50 U	20 N	20 N	50 U

Matrix: Matrix: Parameter Volatiles Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene	Nominal CRDL ug/L 10	NA 1645.10 Water 5 U 5 U 5 U	1647.04 Water 5 U 5 U 5 U	NA 1657.01 Water 5 U 5 U 5 U	1657.08 Water 5
Inchloroethene Berzene Dibromochloromethane	6		ა ა ა ე ე ე <u>.</u>	⊃ ⊃ =	
1,1,2—Trichloroethane trans—1,3—Dichlomoropene	5 5 5)) () ()	ດ ດ :	
2-Chloroethykinylether	20:		5 U 10 U	5 U 10 U	
Bromorom 2-Hexanone	6 6	∩ oc 20 c	50 U	50.5	
4-Methyl-2-pentanone Tetrachloroethene	5 5	200	0 00 °	50 c	
1,1,2,2—Tetrachloroethane	5 6	3. U	2 20	o re	
Toluene	P	2 0	200		
Chlorobenzene	0	20	20	2 0	
Ethylberzene	0	9 N	5 U	5 U	
Styrene	9	5 U	5 U	5 U	
m/pXylene	100	= 4	=);	

Sample ID:	RB-HW- TB7	RB-HW- TB8	RB-HW- TB9	RB-HW- TB10
Date Sampled: Date Received: % Moisture:	Ϋ́	V	∀ Z	
Lab ID:	1645.10	1647.04	1657.01	1657.08
Matrix:	Water	Water	Water	Water

Nominal CRDL ug/L Parameter o-Xylene Volatiles

5 5 5 1,2/1,4-Dichloroberzene 1,3-Dichloroberzene

5 U 5 U 5 U

5 C 5 C 5 C

5 U 5 U 5 U

5 U 5 U 5 U

Footnotes:

B--the analyte is found in the associated blank as well as in the sample

J -- the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

Avater Water 100 100 100 100 100 100 100 100 100 10			1660.01 Water 10 U	NA 1665.02 Water	NA 1669.03 Water
Water Water Water Water Water Water Water Nominal CRDL Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/			1660.01 Water 10 U	1665.02 Water	1669.0 Wate
Norminal CRDL ug/L ug/L 10 U 10			Water 10 U	Water	Wate
Nominal CRDL ug/L ug/L ug/L ug/L ug/L 10 10 10 10 10 10 10 10 10 10 10 10 10			10 U		
100 100 100 100 100 100 100 100 100 100			10 U		
10				10 U	16
10 10 10 10 10 10 10 10 10 10 10 10 10 1	- Consider	2	10 U	10 U	; +
10 10U 10U 10U 10U 10U 10U 10U 10U 10U 1	loride	10	10 U	10 U	¥
10 100 100 100 100 100 100 100 100 100		10		10 U	¥
100 100 100 100 100 100 100 100 100 100		7		မှ	¥
100 100 100 100 100 100 100 100 100 100		10	10	10 U	10
100 100 100 100 100 100 100 100		8	100 t	100 L	50
10 10 10 10 10 10 10 10 10 10 10 10 10 1		9	10 C	10 U	5
10 5U		2	0.00	O 0 7	10
10 5U 5U 5U 5U 100 U 100 U 5U 5			2 2) 	בי י
10 5U 5U 5U 100U 100U 100U 5U 5U 5U 5U 100U 100			ם ה	ם ב	D U
10 5U 5U 10 5U 5U 10 100U 100U 100U 10 5U 10 5U			2 C	o vo ⊃	, u
10 100 100 100 100 100 100 100 100 100			20) <u>-</u>	ט ע
10 100 U 100	ethane		200) <u>.</u>	, ц
10 5U 5U 5U 5U 5U			100	700	100
10 50 50	roethane				3 4
			- r.	ם ב	O 4
		u			1

	Sample ID:		RB-HW- TB11	RB-HW- TB12	RB-HW- TB13	RB-HW- TB14
	Time: Date Sampled: Data Received: % Moisture:		-		¥	A
	Lab ID:		1657.11	1660.01	1665.02	1669.03
	Matrix:		Water	Water	Water	Water
.	Parameter Volatiles	Nominal CRDL ug/L				
	Bromodichloromethane	0	9 n	9 0	5 U	5 U
	1,2Dichloropropane	9	5 U	5 U	9 N	5 U
	cis-1,3-Dichloropropene	0	5 U	2 N	2 C	
	Trichloroethene	9	5 U	90	2 U	
	Benzene	9	5 U	90		
	Dibromochloromethane	9	5 U	9 n		
	1,1,2-Trichloroethane	10	5 0			
	trans-1,3-Dichloropropene	10	5 U	9 0	5 U	5 U
	2-Chloroethylvinylether	5	10 U			
	Bromoform	9	5 U			
	2-Hexanone	9	20 N			
	4-Methyl-2-pentanone	2	20 C		20 C	
	Tetrachloroethene	9	5 U	9 N	5 U	
	1,1,2,2-Tetrachloroethane	9	5 U	90	5 U	5 U
	Toluene	9	5 U	5 U	9 N	
	Chlorobenzene	9	5 U	9 0	5 U	
	Ethylberzene	10	5 U	9 N	5 U	
	Styrene	5	9 N	90	5 U	
	m/p-Xylene	5	5 U	9 N	5 U	

RB-HW- TB14	¥ Z	1669.03	Water	
RB-HW- TB13	Ą	1665.02	Water	
RB-HW- TB12		1660.01	Water	
-MB-HW- TB11		1657.11	Water	Nominal
Sample ID:	Time: Date Sampled: Date Received: % Moisture:	Lab ID:	Matrix:	

Footnotes:

B--tha analyte is found in the associated blank as well as in the sample

5 U 5 U 5 U

5 U 5 U 5 U

5 U 5 U 5 U

5 C 5 C 5 C

5 5 5

1,3-Dichloroberzene 1,2/1,4-Dichloroberzene J--the value reported is an estimated concentration. U--the compound was analyzed for, but not detected.

Parameter Volatiles o-Xylene

CRDL ug/L

RB-HW-	NA NA	1669.06	Water	CRDL ug/L	10 U 01 O1 U 01 U 01 U 01 U 01 U 01 U 01		10 10 10 10				2				10 50	u,	10 5 U
Sample ID:	Time: Date Sampled: Date Received:	Cab ID:	Matrix:	Parameter Volatiles	Chloromethane Bromomethane	Vinyl Chloride Chloroethane	Methylene_Chloride Acrolein	Acetone Acayboritate	Carbon Disuffide	Trichlorofluoromethane 1,1-Dichloroethene	1,1-Dichloroethane	trans-1,2-Dichloroethene Chloroform	1,2-Dichloroethane	2-Butanone	1,1,1-Trichloroethane Carbon Tetrachlorida	Vinyl Acetate	Bromodichloromethane

Sample ID:

TB15

Date Sampled:

Time:

Date Received:

% Moisture:

Lab ID:

₹ Z

Matrix:

Water

1669.06

Parameter

Volatiles

CRDL ug/L

Nominal

1,2/1,4-Dichlorobenzene

5 U

9

Footnotes:

B--the analyte is found in the associated blank as well as in the sample

J--the value reported is an estimated concentration.

U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- FB1	RB-HW- FB2	RB-HW- FB3	RB-HW- FB3
Time: Date Sampled: Date Received: % Moisture:		1200 01/18/90 01/19/90 NA	1200 01/18/90 01/19/90 NA	1600 01/22/90 01/19/90 NA	1600 1600 01/22/90 01/19/90
Lab ID:		1627.34 B	1627.35 B	1630.09 C	1630.09
Matrix:	legiacN	Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
N-Nitroso-Dimethylamine bis(2-Chloroethyl)ether	55	10 U 10 U	10 t U U U	10 U 10 U	Not
1,3-Dichloroberzene	9	10 U	10 U	10 U	
1,4-Dichloroberzene Berzyl Alcohol	우 은	5 5 5	10 to 0	5 5 5 5	
1,2-Dichloroberzene	2	D 01	_	10 U	
bis(2-chloroisopropyl)Ether N-Nifroso-Di-n-Procylamine	6 5	5 5 5	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	0 C U U	
Hexachloroethane	6	10 U	10 U	10 U	
Nitroberzene	5 5)))	10 C	0 0 0 0	
bis(2-Chloroethoxy)methane	2	10 U	10 U	_	
1,2,4-Trichloroberizene Nachthalene	5 E	5 5 5 5	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	10 C	
4-Chloroaniline	: 우	10 U	10 U	_	
Hexachlorobutadiene	9	10 U	U 01	10 U	
2-Methylnaphthalene	9 9	⊃ :	00,	10 C	
Hexachlorocyclopentadiene	5 5	0 5)) 	
2-Nitroaniline	20 2	200	20 O	0 09 0 09	

Sample ID:		RB-HW- FB1	RB-HW- FB2	RB-HW- FB3	RB-HW- FB3
Time: Date Sampled: Date Received: % Moisture:		1200 01/18/90 01/19/90 NA	1200 01/18/90 01/19/90 NA	1600 01/22/90 01/19/90 NA	01/22/90 01/22/90 01/19/90
Lab ID:		1627.34 B	1627.35 B	1630.09	1630.09
Matrix:	No.	Water	Water	Water	Water
Parameter Semi – Vokatiles	CRDL ug/L				
Dimethylphthalate	0 5	J 0 1	100	0 0 0 1	
2.6-Dinitrotoluene	2 우	5 5 5 5 5	5 5 5 5	10 C	
3-Nitroaniline	20	200	20 U	50 U	
Acenephthene	9	10 U	10 U	10 U	
Diberzofuran	9	⊅	10 U		
2,4- Diritrotoluene Fluorece	6 5	10 t	5 5 5 5		
Diethyphthalate	5	10 U	10 0	10 U	
4-Chlorophenyl-phenylether	9	10 U	10 U	_	
4-Nitroaniine	S 4	20 00 00	200	200	
N-Nitroscophenyiamine 4-Bromophenyi-phenylether	2 9	200	5 6		
Hexachlorobenzene	9	10 U	10 U		
Phenanthrene	10	10 U	10 U	10 U	
Anthracene	10	10 U	10 U	10 U	
Di-n-Butyphthalate	9	10 U	10 U	10 U	
Fluoranthene	9	10 U	10 C	10 U	
Pyrene	9	000	0 0 0	0 0 0	
Butytoenzyphthalate	9	0 0 0	0 00	0 01	

Sample ID:	RBHW	RB-HW- FB2	RB-HW- FB3	RB-HW- FB3
Time:	1200	1200	1600	Duplicate 1600
Cata Sampied:	01/18/90	01/18/90	01/22/90	01/22/90
White re-	08/81/10	08/81/10	01/19/90	01/19/90
	2	ď.	Y	
Lab ID:	1627.34	1627.35	1630.09	1630.09
	₩	8	ပ	O
Matrix:		Water	Water	Water
Parameter CRDL	킬			
Semi-Vokatiles	7			
	101 101	J 10 U	10 U	
lorobenzidine		7 % C	20 C	
		J 10 U	10 U	
nakate			10 U	
			_	
thene			_	
	101	J 10 U	10 U	
•			_	
90			_	
Berzo(g,n,i)Perylene			10 U	

Footnotes:
U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- FB4	RB-HW- FB5	RB-HW- FB5	RB-HW- FB5
Time: Date Sampled: Date Received:		1610 01/22/90 01/19/90 NA	1040 01/29/90 01/19/90	01/29/90 01/19/90 01/19/90 NA	1040 01/29/90 01/30/90 NA
Lab ID:		1630.10	1643.01	1643.01	1643.01
Matrix:	N Lacies Lacies	Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
N-Nitroso-Dimethylamine bis/2-Chlorosthyllether	0 0	10 t		J 0 C	10 U
1,3-Dichloroberzene	5 2	10 U		10 U	10 U
1,4Dichloroberzene	우 \$	5 €		5 5 5	10 t
Berzyi Akconol 1.2 – Dichloroberzene	5 6	2 0		0 0	5 C
bis(2-chloroisopropyl)Ether	9	_		10 U	10 U
N-Nitroso-Di-n-Propylamine	우 \$			10 t	10 C
riexachioroemane Nitrobenzene	5 6	5 5 5 5		5 C	5 5 5 5 5 5
Isophorone	9			10 U	10 U
bis(2-Chloroethoxy)methane	우 두	0 0 0 0 0		6 5	0 0 0 0
Nachthalene	5 6			10 U	10 t
4-Chloroeniline	5	_		10 U	10 U
Hexachlorobutadiene	10			10 U	10 U
2-Methylnaphthalene	10	10 U		10 U	10 U
Hexachlorocyclopentadiene	6 (J 0 5		J 02	10 U
2-Chloronaphthalene	2 9) 		D 22	000
Z-Nitroeniine	3	000		0.06	0.06

Sample ID:		RB-HW- FB4	RB-HW- FB5	RB-HW- FB5	RB-HW- FB5
Time: Date Sampled: Date Received: % Moisture:		1610 01/22/90 01/19/90 NA	1040 01/29/90 01/19/90	01/29/90 01/19/90 01/19/90 NA	1040 01/29/90 01/30/90 NA
Lab ID:		1630.10	1643.01	1643.01	1643.01
Matrix:		Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
Dimethytphthalate Acenachthylene	0 0	0 0 0 0		10 U	
2,6-Dinitrotoluene	2			100	10 U
3-Nitroeniline Acenachthene	S 는			20 C 10 C	
Diberzofuran	0			10 U	
2,4-Dinitrotoluene Fluorene	2			5 5 5 0	
Diethychthalate	9			10 U	_
4-Chlorophenyl-phenylether 4-Nitmaniline	- 6			50 C	
N-Nitrosodiphenylamine	9			10 U	_
4-Bromophenyl-phenylether	5 5			10 t	
Phenanthrene	5 6			10 C	_
Anthracene	10			10 U	_
Di-n-Butyphthalate Fluoranthene	5 5	0 O U U		5 5 5 0 0	
Pyrene D. triffconsiderbitheliste	5 5			0 t	0 € D =
Dotyloer zypriu kalate	2	2)	_

Sample ID:		RB-HW- FB4	RB-HW- FB5	RB-HW- FB5	RB-HW- FB5
Time: Dete Sampled:		1610 01/22/90	1040	Duplicate 1040 01/29/90	1040
Date Received: % Moisture:		01/19/90 NA	01/19/90	01/19/90 NA	01/30/90 NA
Lab ID:		1630.10	1643.01	1643.01	1643.01
Matrix:		Water	Water	Water	Water
Parameter (Semi-Volatiles	CRDL ug/L				
Berzo(a) Anthracene	10	10 U		10 U	
3,3" – Dichlorobenzidine	9 :	2		∩ 02	
	우 :))		10 U	
Dis(Z-Ethymexyl)Phinalate	2 ()))		10 C	
Perzo(h) Eliocathese	2 \$) 		⊃ ¢	
Bergo(k) Fluoranthene	5 5)) (0 0 0
Berzo(a)Pyrene	5	10 U)))	
Indeno(1,2,3-cd)Pyrene	6	10 U		10 U	
Diberz(a,h)Anthracene	9	10 U		10 U	
Berzo(g.n.i) Peryiene	9	10 U		10 U	

Footnotes: U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- FB6	RB-HW- FB7	RB-HW- FB8	RB-HW- FB9
Time: Date Sampled: Date Received: % Moisture:		1600 01/29/90 01/30/90 NA	1430 02/06/90 02/08/90 NA	1440 02/06/90 02/08/90 NA	0930 02/16/90 02/20/90 NA
Lab ID:		1643.02	1657.05	1657.06	1669.05
Matrix:	lacimoN	Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
N-Nitroso - Dimethylamine	0 5	10 t	10 t	10 t	10 U
1,3-Dichloroberzene	5 6	5 C ∪ O	10 U	10 C	10 U
1,4-Dichlorobenzene	0	10 U	10	10 U	10 U
Berzyl Alcohol	6 ;	→	10 C	10 C	10 C
1,2-Dichloroberzene bis(2-chloroisoproov))Ether	5	0 C	5 C	5 5 5 5 5	5 C
N-Nitroso-Di-n-Propylamine	. 6	10 0	10 U	10 U	10 U
Hexachloroethane	10	D 04		10 U	10 U
	5 5	5 5 5 5 5	0 C	0 0	5 5 5 5
bis(2-Chloroethoxy)methane	9	5 Q	10 U	10 U	10 U
1,2,4-Trichlorobenzene	9	10 U) 0	10 U
Naphthalene	9	10 U		10 U	10 U
4-Chloroeniline	t	10 U	10 J	10 C	10 U
Hexachlorobutadiene	9	10 C))))	0.00
2 Methylnaphthalene	0 :	D 0:)))	0 0 0	
Hexachiorocyclopentacliene	5 5	0 0	000	0 0 0	
2-Chioronaphunakene 2-Nitroaniline	2 ℃	2000	20 09	20 00	20 0

Sample ID:		RBHW- FB6	RB-HW- FB7	RB-HW- FB8	RB-HW- FB9
Time: Date Sampled: Date Received:		1600 01/29/90 01/30/90 NA	1430 02/06/90 02/08/90 NA	1440 02/06/90 02/08/90 NA	0930 02/16/90 02/20/90 NA
Lab ID:		1643.02	1657.05	1657.06	1669.05
Matrix:	No.	Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
Dimethylphthalate Acanachthylene	0 0	10 t	10 U	10 U	1 0 t
2,6-Dinitrotoluene	9	10 U	_	10 U	
3-Nitroaniline	03 5				
Aceraphinene Diberzofuran	5 6				
2,4-Dinitrotoluene	9				
Fluorene	9				
Diethyiphthalate 4-Chlorophenyl-phenylether	5 5				
4-Nitroaniline	20		_		
N-Nitrosodiphenylamine	9		_		
4 - Bromophenyl - phenylether Hexachlorobenzene	6 5	5 5 5 5	0 0 0 0 0	0 0 0 0	
Phenanthrene	5 6		_	_	
Anthracene	9				
Di-n-Butyphthalate	10		_	_	
Fluoranthene	9				
Pyrane	9 9		100		
Butytoenzyphtmalate	2		2		

Sample ID:		RB-HW- FB6	RB-HW FB7	RB-HW- FB8	RB-HW- FB9
Time: Date Sampled: Date Received:		1600 01/29/90 01/30/90 NA	1430 02/06/90 . 02/08/90 NA	1440 02/06/90 02/08/90 NA	0930 02/16/90 02/20/90 NA
Lab ID:		1643.02	1657.05	1657.06	1669.05
Matrix:		Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
Berzo(a) Anthracene	10	10 U	10 U		10 0
3,3 - Dichlorobenzidine	9	⊃ %	20 C	20 C	28
Chrysene	5		10 U		
bis(Z-Ethythexyl)Phthalate	9		10 U	-	
U-n-octyphthelate	9		10 U		
Berzo(b) Fluoranthene	9		10 U	_	
Berzo(k) Fluoranthene	5		10 U		
Berzo(a)Pyrene	9		10 U	_	
Indeno(1,2,3-cd)Pyrene	10	10 U	10 U	_	
Diberz(a,h)Anthracene	5		10 U	_	10 U
berzo(g.n.!) Peryiene	0	10 U	10 U	10 U	

Footnotes: U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- FB10	RB-HW- RB1	RB-HW- RB2	RB-HW- RB4
Time: Date Sampled: Date Received: % Moisture:		0925 02/16/90 02/20/90 NA	1210 01/18/90 01/19/90 NA	1550 01/22/90 01/19/90 NA	1520 01/24/90 01/19/90 NA
Lab ID:		1669.02	1627.36	1630.11	1636.05
Matrix:	ominal	Water	Water	Water	Water
Parameter Semi-Volatiles	CRDL ug/L				
N-Nitroso-Dimethylamine	5 5	1 ot	10 U	10 t	10 t
1,3-Dichloroberzene	2	10 0	10 t	100	
1,4-Dichloroberzene Berzyl Alcohol	5 5	0	10 C	10 C	_
1,2-Dichloroberzene	5)))	100	_	
bis(2-chloroisopropyl)Ether	5 E	5 5 5 5	0 €	10 t	10 10 10
Hexachloroethane	5 6	5 0	0 0 0		
Nitroberzene	5 5	5 5 5 5	0 0 0 0 0 0		
bis(2-Chloroethoxy)methane	5 2	10 C	10 C		
1,2,4-Trichlorobenzene	9		10 U	10 U	
Naphthalene	0 :		10 U		
4-Chloroeniline	e		0 5		
nexachiorobutzolene 2 Methylnachthalene	5 6	5 5 5 5	5 6	5 6 0 0	5 5
Hexachlorocyclopentadiene	9		10 U	10 U	
2-Chloronaphthalene	2 (10 U	± 5 □ 5	
2-Nitroaniline	2 0	20 N	50 U	20 U	20 N

Sample ID:		RB-HW- FB10	RB-HW- RB1	RB-HW- RB2	RB-HW- RB4
Time: Date Sampled: Date Received: % Moisture:		0925 02/16/90 02/20/90 NA	1210 01/18/90 01/19/90 NA	1550 01/22/90 01/19/90 NA	1520 01/24/90 01/19/90 NA
Lab ID:		1669.02	1627.36 B	1630.11	1636.05
Matrix:	lacimoN	Water	Water	Water	Water
Parameter Semi-Volatiles	CRDL ug/L				
Dimethylphthalate Asserantitiviana	5 5	1 0 t	10 U	10 U	100
2,6-Diritrotoluene	5				
3-Nitroaniine	S				
Acenephthene	6				
Diberzofuran 2 4 - Dinitrotol sesa	6 6		10 C		
	5 5				
Diethyphthalate	0				
4-Chlorophenyl-phenylether 4-Nitroeniline	- 5	50 €	50 C	0.00 0.00	
N-Nitrosodiphenylamine	5				
4-Bromophenyl-phenylether	5 5				
Hexachiorocenzene	2 \$				
Phenanthrene	5 5				
Di-n-Butyohthalate	5 0				
Fluoranthene	9				
Pyrene	9	D 0 0	0 0 0		
	2		2		

Sample ID:		RB-HW- FB10	RB-HW- RB1	RB-HW- RB2	RB-HW- RB4
Time: Date Sampled: Date Received: % Moisture:		0825 02/16/90 02/20/90 NA	1210 01/18/90 01/19/90 NA	1550 01/22/90 01/19/90 NA	1520 01/24/90 01/19/90 NA
Lab ID:		1669.02	1627.36	1630.11	1636.05
Matrix:	ţa cie	Water	Water	C Water	C Water
Parameter Colatiles	CRDL ug/L				
Berzo(a) Anthracene	10	10 U	10 U	10 U	10 U
3,3 - Licharabenziaine Chrysene	6 6	2 2	⊃ = \$ \$	2 5	28
bis(2-Ethylhexyl)Phthalate	5	5 Q	5 5 5 5 5	5 5	5 5 5 5
Di-n-octytohthalate	9		10 U		
Berzo(b) Fluoranthene	우		10 U		
Berzo(K) Fluoranthene	우 :		10 U	-	
Berzo(a) Pyrene	우 :		10 U		
magno(1,2,3-cd)Pyrene	우 :		10 U		
Dioetz (a,n) Anthracene Berranic h il Dendene	2 9		J 0 ;	_	
	2		U 0 L		

Footnotes: U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- RB5	RB-HW- RB6	RB-HW- RB7	RBHW RB8
Time: Date Sampled: Date Received: % Moisture:		¥	1230 01/26/90 01/30/90 NA	1445 01/29/90 01/30/90 NA	1630 01/30/90 01/31/90 NA
Lab ID:		1637.07	1643.10	1643.06	1645.09
Matrix:	Nomina	Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
N-Nitroso-Dimethylamine bis(2-Chloroethyl)ether	5 5	Not Analyzed	U 0 T	10 U	10 U
1,3-Dichlorobenzene	9		10 U	10 U	10 O
1,4-Dichloroberzene	9		10 U	10 U	10 U
Berzyl Alcohol	5 5		J 07	10 U	J 01
1,2-Dichloroberzene bis(2-chloroisoprov/)Fther	<u> </u>		0 00	5 0 0	100
N-Nitroso-Di-n-Propylamine			10 U	10 U	10 0
Hexachloroethane			10 U	10 U	10 U
Nitrobergene	6 ÷		10 t	O	0 C
bis(2-Chloroethoxy)methane	<u> </u>		10 U	10 U	10 U
1,2,4—Trichlorobenzene	10		_		10 U
Naphthalene	9				10 U
4-Chloroaniline	9		10 U	_	10 U
Hexachlorobutadiene	9		_	10 U	10 U
2-Methylnaphthalene	9				10 U
Hexachlorocyclopentacliene	9 9		100	9 9	
2-Chloronaphthalene	2 9		000	000	0.01
	3		0 00	0.00	_

	Sample ID:		RB-HW- RB5	RB-HW- RB6	RB-HW- RB7	RB-HW- RB8
	Time: Date Sampled: Date Received:		¥	1230 01/26/90 01/30/90 NA	1445 01/29/90 01/30/90 NA	1630 01/30/90 01/31/90 NA
	Lab ID:		1637.07	1643.10	1643.06	1645.09
	Matrix: Parameter	Nominal CRDL	Water	Water	Water	Water
F		20				
-911	Dimethylphthalate Acenaphthylene	5 5		10 U 10 U	10 U 10 U	10 U
	2,6-Dinitrotoluene	10				
	3-Nitroaniline Acerementations	හි ද		50 U	50 C	00 00 00 00 00 00 00 00 00 00 00 00 00
	Diberzofuran	5 0				
	2,4-Dinitrotoluene	10				
	Fluorene Diathyibhthalata	5 5				
	4-Chlorophenyl-phenylether	9				
	4-Nitroaniline	20				
	N-Nitrosodiphenylamine	0				
	4-Bromophenyl-phenylether	9 9		000	0 0	
		<u> </u>			_	
	Anthracene	2 9		2 0	_	5 5 0
	Di-n-Butyphthalate	9			_	_
	Fluoranthene	10		_	10 U	_
	Pyrene	5		O 0 7	10 U	
	Butyfberzyphthalate	₽		10 0	10 0	

1230 1445	Sample ID:		RB-HW- RB5	RB-HW- RB6	RB-HW- RB7	RB-HW- RB8
Nominal Water Water Water Water Water Water Nominal CRDL ug/L 10 10 10 10 10 10 10 10 10 10 10 10 10	Time: Date Sampled: Date Received:			1230 01/26/90 01/30/90	1445 01/29/90 01/30/90	1630 01/30/90 01/31/90
Mominal Water Water Water Water Water Water Water Water Nominal CRDL ug/L ug/L ug/L 10	% Moisture:		Š	AN	NA NA	2 Z
Nominal CRDL ug/L ug/L 10 U 10	Lab ID:		1637.07	1643.10	1643.06	1645.09
CRDL ug/L 10 10 10 10 10 10 10 10 10 10 10 10 10	Matrix:		Water	Water	Water	Water
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Parameter Semi – Volatiles	CRDL ug/L				
20 10 10 10 10 10 10 10 10 10 10 10 10 10	Berzo(a) Anthracene	10		10 U	10 U	-
## 10 10 10 10 10 10 10 10 10 10 10 10 10	3,3 - Dichlorobenzidine	9			20 C	Ñ
16 10 10 10 10 10 10 10 10 10 10 10 10 10	Chrysene	9			10 U	Ť
10 10 10 10 10 10 10 10 10 10 10 10 10 1	ois(2-Emylnexyl)Phimalate	9			10 U	7
10 10 10 10 10 10 10 10 10 10 10	U-n-octyphtralate	9			10 U	10
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Berzo(D) Fluoranthene	9			10 C	=
10 TO	Berzo(k) Fluoranthene	9			10 U	=
10 TO	Berzo(a)Pyrene	9			10 U	7
10 C 10 U 10 U	Indeno(1,2,3-cd)Pyrene	0			10 U	=
10 0	Diberz (a,h)Anthracene	9			10 U	7
	Berzo(g,h,i)Perylene	9			10 U	¥

Footnotes: U- --the compound was analyzed for, but not detected.

Sample ID:		RB-HW- RB9	RB-HW- RB10	RB-HW- RB11	RB-HW- RB12
Time: Date Sampled: Date Received: % Moisture:		1045 01/31/90 02/01/90 NA	1505 02/06/90 02/08/90 NA	1125 02/07/90 02/08/90 NA	1000 02/09/90 02/13/90 NA
Lab ID:		1647.03	1657.07	1657.14	1665.01
Matr ix:	Nominal	Water	Water	Water	Water
rarameter Semi-Volatiles	ug/L				
N-Nitroso-Dimethylamine bis(2-Chloroethyl)ether	5	10 U	10 U	10 U	10 C
1,3-Dichloroberzene	2	10 U	10 U	10 U	
1,4-Dichloroberzene	5 5	5	. • • • • • • • • • • • • • • • • • • •	5 5 5 5 5	
1,2-Dichloroberzene	5 5	5 <u>0</u>	5 5 5 5	5 5 5 5 5	
bis(2-chloroisopropyl)Ether	10	10 U		10 U	
N-Nitroso-Di-n-Propylamine	우 \$	0 0 0 0 0 0		D \$	
nexachioroemane Nitroberzene	2 2	5 5 5 5	5 C	5 C	5 Q
Isophorone	10	10 U		10 U	-
bis(2-Chloroethoxy)methane	5 5	6		0 0 0 0 0	0 €
Naphthalene	5 0	10 C		10 U	
4-Chloroaniline	10	10 U		10 U	
Hexachlorobutadiene	9 5) 0 1 1		0 0 0	
Hexachlorocyclopentadiene	5 5	0 0 0		5 5 5 5	5 5 0 0
2-Chloronaphthalene	10	10 U		10 U	-
2-Nitroaniline	S	20 N	20 N	20 U	20 N

Sample ID:		RB-HW- RB9	RB-HW RB10	RB-HW- RB11	RB-HW- RB12
Time: Dete Sampled: Dete Received: % Moisture:		1045 01/31/90 02/01/90 NA	1505 02/06/90 02/08/90 NA	1125 02/07/90 02/08/90 NA	1000 02/09/90 02/13/90 NA
Lab ID:		1647.03	1657.07	1657.14	1665.01
Matrix: Parameter	Nominal CRDL	Water	Water	Water	Water
Serm - Votatiles	ng/L				
Dimethylphthalate Acadachthylana	5 5	10 t	10 0	10 t	10 t
2,6-Dinitrotoluene	10	10 C		100	
3-Nitroaniine	S ÷				
Diperzofuran	5 6			5 5 5 5	
2,4-Dinitrotoluene	10			_	_
Fluorene	9				
Defryphthalate 4-Chloropenyl-phenylether	5 5	5 5	6 6 5 5 5		5 C
4-Nitroaniline	22				
N-Nitrosodiphenylamine	우			10 U	
4-Bromophenyl-phenylether	9				_
Hexachlorobenzene	9				
Phenanthrene	6	₽			
	2 5				
Fluoranthene	5 0	5 5 5 5	10 C	5 5 5 5	
Pyrene	t	10 U		10 U	
Butylbenzylphthalate	0	10 U		10 U	10 U

Sample ID:		RB-HW- RB9	RB-HW- RB10	RB-HW- RB11	RB-HW- RB12
Time: Dete Sampled: Date Received:		1045 01/31/90 02/01/90 NA	1505 02/06/90 02/08/90 NA	1125 02/07/90 02/08/90 NA	1000 02/09/90 02/13/90 NA
Lab ID:		1647.03	1657.07	1657.14	1665.01
Matrix:		Water	Water	Water	Water
Parameter Semi – Volatiles	CRDL ug/L				
Berzo(a) Anthracene	9	10 U	10 U		
3,3 - Dichlorobenzidine	0 ;	⊃ : 20 :	⊃ 80 80		20 02
Chrysene His/O. Eth: Janes J. Datherlett	6				
Dien-Caymexy)/rungigie Dien-Octybhthalate	2 5				
Berzo(b) Fluoranthene	5 5	5 6	5 5		
Berzo(k) Fluoranthene	0				
Berzo(a)Pyrene	9				
indeno(1,2,3—cd)Pyrene	0				
Diberg(a,h)Anthracene	9				
	2		10 0	0 O	

Footnotes: U---the compound was analyzed for, but not detected.

Sample ID:		RB-HW RB13	RB-HW- TB1	RB-HW- TB2	RB-HW- TB3
Time: Dete Sampled: Date Received: ** Moisture:		0940 02/16/90 02/20/90 NA	¥ Z	¥	Y
Lab IO:		1669.04	1630.12	1633.13	1636.06
Matrix:	la cic	Water	Water	Water	Water
Parameter CI Semi – Vokatiles	CRDL ug/L				
N-Nitroso-Dimethylamine	9	10 U	Not	Not	Not
bis(2Chloroethyl)ether	9	10 U	Analyzed	Analyzed	Analyzed
1,3-Dichloroberzene	9	10 U			
1,4-Dichlorobenzene	우	10 U			
Berzyi Alcohol	우	10 U			
1,2-Dichloroberzene	우	10 U			
bis(2chloroisopropyl)Ether	우	10 U			
N-Nitroso-Di-n-Propylamine	9	10 U			
Hexachloroethane	9	10 U			
Nitrobertzene	우 :	10 C			
sophorone	우 :	0 O C			
bis(2-Chloroethoxy)methane	우 :	O 0 0			
1,2,4—Trichloroberizene	우 :	10 U			
Naphthalene	9				
4-Chloroaniline	우	10 U			
Hexachiorobutacliene	6	10 U			
2-Methymaphthalene	우	10 U			
Hexachlorocyclopentadiene	우	10 U			
2Chloronaphthalene	우	10 U			
2-Nitroeniline	20	20 ∩			

Sample ID:		RB-HW- RB13	RB-HW- TB1	RB-HW- TB2	RB-HW- TB3
Time: Date Sampled: Date Received: % Moisture:		0940 02/16/90 02/20/90 NA	V	Ą	X
Lab ID:		1669.04	1630.12	1633.13	1636.06
Matrix: Parameter	Nominal CRDL	Water	Water	Water	Water
	20 1				
Dimethylphthalate Acenechthylene	5 5	5 t			
2,6-Dinitrotoluene	9	J 61			
3-Nitroeniine Aceneohthene	8 8	8 c			
Diberzofuran	9	10 U			
2,4-Dinitrotoluene	9	⊃ :			
Finorene Diethylythelete	5 5	9 9 = =			
4-Chlorophenyl-phenylether	2 2 2	5 5 5			
4-Nitroaniline	20	⊃ 20 20			
N-Nitrosodiphenylamine	9	10			
4-Bromophenyl-phenylether	5	10 U			
Hexachlorobenzene	9	10 C			
Phenanthrene	5	10 U			
Anthracene	우	10 U			
Di-n-Butyphthalate	9	10 U			
Fluoranthene	9	10 U			
Pyrene	9	5			
Butylberzyphthalate	9	10 U			

Sample ID:		RB-HW- RB13	RB-HW- TB1	RB-HW- TB2	RB-HW- TB3
Time: Date Sampled: Date Received: % Moisture:		0940 02/16/90 02/20/90 NA	Y	Ą	₹
Lab ID:		1669.04	1630.12	1633.13	1636.06
Matrix:		Water	Water	Water	A Water
Parameter Semi – Volatiles	CRDL ug/L				
Berzo(a) Anthracene	10	10 U			
3,3'-Dichlorobenzidine	5 (20 C			
Orrysene bis(2-Ethythexyl)Phthalate	5 5	0 0 0			
Di-n-octyphthalate	5 5				
Berzo(b)Fluoranthene	9				
Benzo(k) Fluoranthene	5				
Berzo(a)Pyrene	10				
Indeno(1,2,3-cd)Pyrene	0				
Diberz(a,h)Anthracene	9	10 U			
Berzo(g,h,i)Perylene	9	10 U			

Footnotes: U--the compound was analyzed for, but not detected.

Sample ID:		RB-HW- FB1	RB-HW- FB2	RB-HW- FB3	RB-HW- FB4
Time: Date Sampled: Date Received: % Solids:		1200 01/18/90 01/19/90 0.0	1200 01/18/90 01/19/90 0.0	1600 01/22/90 01/19/90 0.0	1610 01/22/90 01/19/90 0.0
Lab ID:		1627.34 B	1627.35 B	1630.09	1630.10
Matrix:		Water	Water	Water	Water
Parameter Metals	CRDL ug/L				
Antimony	8	40.2 U	40.2 U	40.2 U	40.2 U
Arsenic	9	1.5 U	2.48	1.5 U	1.5 U
Berylium	ı, oı	2.3 U	2.3 U	2.3 U :	2.3 U
Chromium	დ <u>ნ</u>	1.9 U	1.9 U	1.9 U 8.7 U	1.9 U
Copper	: 18	7 8	86	10 B	4.1 U
Ped	က	2.5 BJ	5.8 J	3.1 J	2.8 BJ
Mercury	0.2	0.1 C	0.10	0.1 U	0.1 U
Z.C.	4	23.6 U	23.6 U	23.6 U	23.6 U
Selenium	2	1.7 U	1.7 U	1.7 U	1.7 U
Silver	9	9.9	6.6 U	0.6 U	0.6 U
Thatitum	9	0.9 U	1.5 B	0.9 UW	0.9 UW
Zinc	8	17 BJ	13 BJ	274	20 J

RB-HW- RB-HW- FB5 FB6	1040 1600 1430 01/29/90 01/29/90 02/06/90 01/30/90 01/30/90 02/08/90 NA NA NA				1.6B	5 2.3 U 2.3 U	1.9 U	8.7 U	7.1 C	2.5 BJ		23.6 U	1.7 U	0.6 U	WD 6:0	19 BJ
Sample ID:	Time: Date Sampled: Date Received:	Lab ID: Matrix:	Parameter Metals	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Cead	Mercury				Thailium	Zinc

Sample ID: RB-HW-FB8	Time: Date Sampled: 02/06/90 Date Received: 02/08/90 % Solids: NA		Parameter CRDL Metals ug/L	Antimony 60 40.2 U	10	ĸ	က	10	52	က	0.2	\$	တ	9	10	20
	1440 02/06/90 02/08/90 NA			. U 34.6 U												
RB-HW~ FB9	0930 02/16/90 02/20/90 NA	1669.05 C Water		40.2 U	1.5 U	2.3 U	1.9 U	8.7 U	4.1 U	2.4 BJ	0.1 U	23.6 U	1.7 U	6.6 U	O.9 U	9 BJ
RB-HW- FB10	0925 02/16/90 02/20/90 NA	1669.02 C Water		40.2 U	1.68	2.3 U	1.9 U	8.7 U	14 B	4.7 J	0.1 U	23.6 U	1.7 UW	0.6 U	WD 6:0	17 B

Sample ID:		RB-HW- RB1	RB-HW- RB2	RB-HW- RB4	RB-HW- RB6
Time: Date Sampled: Date Received: % Solids:		1210 01/18/90 01/19/90 0.0	1550 01/22/90 01/19/90 0.0	1520 01/24/90 01/19/90 0.0	1230 01/26/90 01/30/90 NA
Lab ID: Matrix:		1627.36 B Water	1630.11 C Water	1636.05 C Water	1643.10 D Water
Parameter Metals	Nominal CRDL ug/L				
Antimony	8 5	40.2 U	40.2 U	40.2 U	40.2 U
Beryllium	ນ ດາ <u>ເ</u>	2. 2. 2. 3. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	. 6 . 6 . 6 . 6		2.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1
Chromium	, 6 %	8.7 3.0 8.7 8.0 8.0		. 88 . 7. 4 	9.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1
Lead	9 00	2.3 G	. 4. 0. 6. 0. 4.	- n	2.56 2.60 3.00 3.00
Nickel	9	23.6 U	23.6 U	23.6 U	23.6 U
Selenium Silver	დ ნ	1.7 U 0.6 U	1.7 U 6.6 U	1.7 U 6.6 U	1.7 U
Thaillum Zinc	2 4	0.9 U 8 BJ	0.9 U 17	0.9 U 20 J	20.0 20.0 20.0 20.0 20.0

Sample ID:		RB-HW- RB7	RB-HW- RB8	RB-HW- RB9	RB-HW- RB10
Time: Date Sampled: Date Received: % Solids:		1445 01/29/90 01/30/90 NA	1630 01/30/90 01/31/90 NA	1045 01/31/90 02/01/90 NA	1505 02/06/90 02/08/90 NA
Lab ID: Matrix:		1643.06 D Water	1645.09 C Water	1647.03 C Water	1657.07 C Water
Parameter Metals	Nominal CRDL ug/L				
 Antimony Argenic	9 0	40.2 U	40.2 U	40.2 U	40.2 U
Berylfium Cadmium		2.3.5 9.0.0	2.3 U)))))))	
Chromium Copper	5 5	8.7 U	8.7 U	8.7 U	8.7 U
Lead	e c	2.8 BJ	3.2 J	5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5) T = 0
Nickel Selection	9 4	23.6 U	23.6 U	23.6 U	23.6 U
Silver	5	6.6 U	0.5.0 0.6.0 0.6.0	0.7.1 6.6 U	1.7 U 6.6 U
Thellium Zinc	2 9	0.9 UW 7 BJ	0.9 U 9 BJ	0.9 U 8 BJ	0.9 U 7 BJ

Sample ID:		RB-HW-	RB-HW-	RB-HW-	RB-HW-
1		RB10 Filtered	RB11	RB11 Filtered	RB12
Time: Data Sampled:		1505	1125	1125	1000
Date Received:		05/06/30	02/01/90	02/01/90	02/09/90
% Solids:		Y Y	NA	NA NA	02/3/30 NA
Lab ID:		1657.07	1657.14	1657.14	1685.01
		٥	O	Q	O
Mau IX:	•	Water	Water	Water	Water
Parameter Metais	Nominal CRDL ug/L				
Antimony	99	34.6 ∪	40.2 U	34.6 U	40,2 U
Arsenic	40	1.4 UW	1.5 U	1.4 UW	1.5 U
Beryffum	S	3.8 ∪	2.3 U	3.8 U	230
Cadmium	ιCO	4.8 U	1.9 U	4.8 U	1.9 U
Chromium	9	9.8 ∪	8.7 U	0.8 €	8.7 U
Copper	52	0.0 €	4.1 U	6.0 U	4.1 U
paq	က	1.9 B	3.3 J	3.3	3.9
Mercury	0.5	0.1 U	0.1 U	0.1 U	0.1 U
	4	31.1 U	23.6 U	31.1 U	23.6 U
Selenium	2	1.4 U	1.7 U	1.4 U	1.7 U
	9	8.9 ∪	0.6 U	8.9 ∪	0.6 U
Thaillium -	9	⊃ 6:0	0.9 U	0.9 U	0.9 U
Zinc	8	11.0 BJ	4 BJ	10.0 BJ	12 BJ

RB-HW- RB13 RB13 Filtered 0940 0940 02/16/90 02/20/90		40.2 U 40.2 U 1.5 U 1.5 U 1.5 U 2.3 U 1.9 U 8.7 U 8.7 U 4.1 U 4.1 U 2.3 BJ 0.1 U 23.6 U 1.7 U 6.6 U 6.6 U 6.9 UW 7 BJ
	Nominal CRDL ug/L	8 5 rv rv 5 r8 rs rs 9 rs rs 5 5 8
Sample ID: Time: Date Sampled: Date Received:		Antimony Arsenic Beryllium Cadmium Chromium Copper Lead Mercury Nickel Selenium Silver Thalifum Zinc

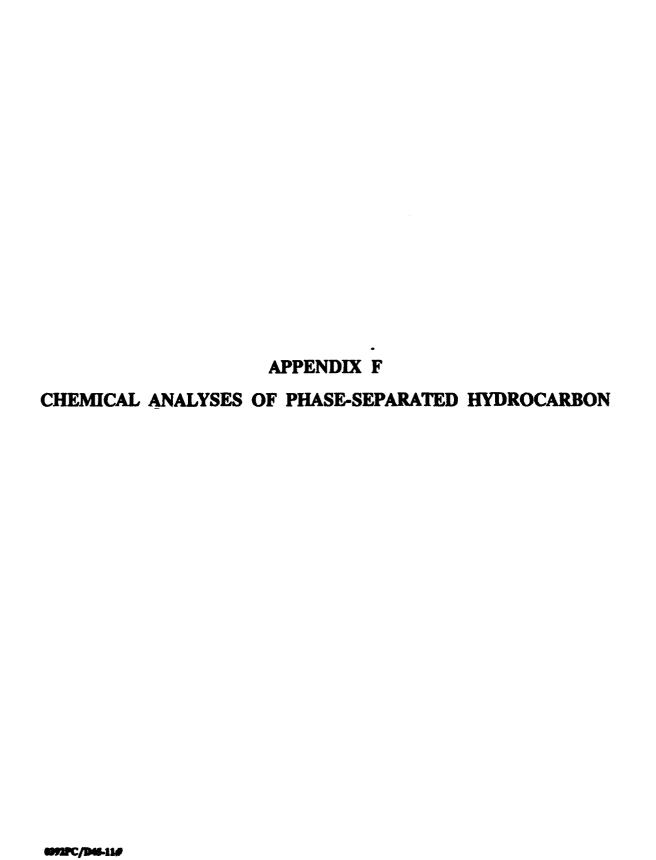
Footnotes:

B -- reported value is less than the reporting limit, but greater than the IDL.

J--the value reported is an estimated concentration.

U--compound was analyzed for, but not detected.

W--post digestion spike for Furnace AA analysis out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.





PENNRUNCORPORATION

150 WILLIAM PITT WAY PITTSBURG- PA 15238-1327 TEL 412-926-5300 FAX 412-826-5553

February 28, 1990

Ms. Louise Watson
Engineering Science, Incorporated
19101 Viilaview Road
Suite 301
Cleveland, OH 44119

Dear Mr. Watson:

Attached is the result of analysis on a sample submitted to the PENNRUN Laboratories on February 12, 1990. The sample labeled MW-5 was submitted for packed column GC Fingerprinting. For your approval, attached in triplicate, is our invoice for the above services rendered. Please forward to your Accounts Payable Department.

Should you have any questions regarding this report, please contact me at (412) 826-5303.

Sincerely,

Kathy J. Rygle Laboratory Manager

/gmp

Attachment

cc w/att: RD

Ms. Louise Watson February 28, 1990 Page 2

PENNRUN ID: PRD-01421

Client ID: Project No. CL115., MW-5

The above sample was submitted to the PENNRUN Laboratories for packed column GC Fingerprinting. The results indicate that the sample is a mixture of a 30-40% weathered gasoline and hydrocarbon material in the Jet A or kerosene boiling range.

Copies of the chromatogram are enclosed for your reference.

Ron Dibas

Sr. Chemist

February 28, 1990

Kathy J. Rygle / Laboratory Manager

February 28, 1990

ENGINEERING-SCIENCE

19101 WILLAWEW ROAD. SUITE 301, CLEVELAND. (HIO 44119 . 216/486-9005

Received by: (Squarum) Date / Time Received by: (Signature) REMARKS 2/ Date / Time 3 VOA ROCE **PARAMETER** Remarks Refinquished by: (Signeture) Relinquished by: (Signeture) TAINERS 3 Distribution Original Accompanies Shipment. Copy returned with Report. Received for Laboratory by: (Signature) Received by: (Signature) STATION LOCATION Richarlmokar PROJECT NAMEALOCATION LOUX Jaly BARD. COMP Chain-of Custody Record CLII'S. | SAMPLERS: (Spreture) STA. NO. | DATE | TIME PRQ. KO.

APPENDIX G CHAIN-OF-CUSTODY RECORDS

ENGINEERING-SCIENCE

19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 • 216/486:9005

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ENGINEERING-SCIENCE

19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 + 216/486-9005

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19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 • 216/486-9005

Chain-of Custody Record

nd Hasserus d/HM 10.82 + Intuc Received by: (Signature) Received by: (Signature) W.O. 1627 REMARKS Remarks (cico) Sina mustere 420's for Motals (wo) Metals Date / Time Date / Time **PARAMETER** Relinquished by: (Signature) Relinquished by: (Signature) Date / Time 06/6/ NO. OF CON-TAINERS B Distribution Original Accompanies Shipmand Copy Feturned with Report 4 Received for Laboratory by: Received by: (Signature) Received by: (Signature) CLUDIOS LANGE (HLUSA) - Columbus, OH STATION LOCATION RB - 1460 - 50-19 RG-444-FB RB-465-KB1 RB-4W-03 RO-447- FB1 RA-442-02 ろから 1/10/00/130 Date / Time Date / Time Date / Time PROJECT NAMEALOCATION GRAB. 06. (hunter 0027 2560 30C 118 0000 075 2/0 977 STA. NO. DATE TIME Refinquished by: (Signeture) Refinquished by: (Signeture SAMPLERS: (Signature) Ξ PROJ. NO. ; 000

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19101 VILLAVIEW ROAD SUITE 301, CLEVELAND, OHIO 44119 • 216/486:9005 \mathcal{W} . \mathcal{O} . /630

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19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 . 216/486-9005

Chain-of Custody Record

PIO Servena HaldeYSES 31.3 55.5 13,7 0,37 146 72.5 39.2 1.0% 13.6 18.0 184 Received by: (Signature) Received by: (Signature) 11.0.1633 organisa REMARKS POSSTALE -13A, B,C D 2 Q) A Q -084.B 3 -09A, B BNSV-dage many -07A, B Remarks 10.70c + Intact E 421 -- 10p. B -11A,B VOA - volutele -06A 1633-01A -050 -04/4 1- whether -1633-02A Date / Time -634 Date / Time **PARAMETER** Relinquished by: (Signature) Relinquished by: (Signature) Date / Time 2000 CON-TAINERS Š P ď 4 7 M Copy returned with Report. 5282385846 Received by: (Signatura) Received by: (Signeture) **525** -- 1552 483-551 186-551 467 - 551 - US2 185-551 **LSD-**. 155 - 686 トムンス 48/0- 551 STATION LOCATION 118-4W-TB2 18-HW- 183 **%** Distribution Original Accompanies Shipme 125/00 4:30 18-400-Date / Time Date / Time Date / Time E ; C2452.03 RANCB-HUUA PROJECT NAMEALOCATION ; £ : GRAB. method COMP 0830 Synth 3%5 140 1040 1000 3480 1750 000 1320 1/80 1500 1450 1/23 0835 118 TIME Refinquished by: (Signature) Relinquished by: (Signature) Refinquished by: (Signature) SAMPLERS: (Signeture) DATE ij : : : = PROJ. NO. O STA. NO. 000 G-5

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19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 • 216/486-9005

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Chain-of Custody Record

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19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 • 216/486:9005

10.7 Bush-has Metal some White FUNALYZZZ 9.7 9.7 1900 0200 78C m 100 math Describe of States Received by: (Signature) Received by (Signature) REMARKS 4.0.1637 Date / Time Date / Time 163707A, B, C, Hois Fea S 3.32 × Into W \mathcal{C} \varnothing - DEH, B 1537 - OFA -05 A - 044 16 5 1-128 11.12 -Remarks PARAMETER Relinquished by: (Signature) Relinquished by: (Signature) Date / Time / > > CON-TAINERS . 양 명 <u>り</u> 528238234 Distribution Original Accompanies Shipment. Copy Feturned with Report. 4 3 W 1 Received for Laboratory by (Signature) Received by: (Signature) 255-Received by: (Signature) -553 AB-413- 4814-552 トソフィ アジ RB- HW- TB4 18-411- R65 STATION LOCATION - AB1J RB-HW-04 1/2 3/00 5 00 Date / Time Date / Time Date / Time RANGA HUSH PROJECT NAME/LOCATION hain-of Custody Record 1500 1000 1410 1/30 1030 1630 1150 250 Relinquished by: (Signeture) Relinquished by: (Signeture) IME SAMPLERS: (Signature) 1/45 DATE イグジンの3 : PROJ. NO. STA. NO.

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19101 VILLAVIEW ROAD SUITE 301, CLEVELAND. OHIO 44119 + 216/486:9005

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19101 VILLAVIEW ROAD, SUITE 301, CLEVELAND, OHIO 44119 • 216/486-9005

Chain-of Custody Record

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19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 • 216/486-9005

Chain-of Custody Record

PID Surven 304 230 Date / Time | Received by: (Signature) Received by: (Signature) 99.1 6:11 185 16.9 3 REMARKS 9.18 + Intact -418,0,0,6,E Date / Time Q 1645-02A B 645-23A, B B 1645-10A,B,C 645-644 3 -07A, B 50 B -084, B 1645-650 -06A **PARAMETER** Remarks Relinquished by: (Signature) Relinquished by: (Signature) Date / Time 7 CON-TAINERS Š P 7 7 3 B 7 Distribution Original Accompanies Shipment? Copy returned with Report. 3 7 52823 25802 Received by: (Signature) Received for Laboratory by: -503 - 453 ハンシーグレス している 18-4W-MU6-552 MW9-552 Received by: (Signature) STATION LOCATION ROY -767 P 0 1 134/00/130 Date / Time Date / Time Date / Time 20068-425A PROJECT NAME/LOCATION : 3 ; 8485 COMP 1630 1520 320 1630 1030 130 1350 070/ 1/30 1000 1510 TIME Refinquished by: (Signature) Retinquished by: (Signature) Relinquished by: (Signature SAMPLERS: (Signature DATE 60,05470 *:* : PROJ. NO. STA. NO.

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19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 + 218/486.9005

Chain-of Custody Record

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ENGINEERING-SCIENCE

19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 = 216/486.9005

Chain-of Custody Record

B 11.0.1657 REMARKS 1657-034, B,C, D, E, 1657-02A,B,C, 1657-047, B,C, 1657-014,B 705-A, B PARAMETER CON-TAINERS 8 9 8 . . M 1 1 RA - HW - MW 3 - GWA 28-HU-MU1-CW 20 -4W- ALVY- GWI 88-4W-74W/637 STATION LOCATION 18-4W- TAP スカンのの - メンンカ PROJECT NAME/LOCATION H SARD 345 1400 1410 1420 1430 SAMPLERS: (Signature) TIME DATE C2 452.03 : PROJ. NO. STA. NO.

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19101 VILLAVIEW ROAD SUITE 301, CLEVELAND. OHIO 44119 • 216/486-9005

N.O. 1657

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19101 VILLAVIEW ROAD SUITE 301, CLEVELAND, OHIO 44119 • 216/486:9005

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19101 VILLAMEW ROAD SUITE 301, CLEVELAND, OHIO 44119 • 216/486-9005

W.O. 16CO

Chain-of Custody Record

Jany . What . 1/0 5 100 mg 26/0 - 01.00.00 0 00 //0 Ch. 4. Received by: (Signature) Received by: (Signature) REMARKS 160-01A, B, C ans V-disanstral VOA - volach 11.0°C + Introd Date / Time Date / Time Remarks PARAMETER Relinquished by: (Signature) Refinquished by: (Signature) Date / Time CON-TAINERS Š **P** Distribution Original Accompanies Shipment/Copy returned with Report. 1 Received by: (Signature) Received by: (Signature) 10-14W-TB12 STATION LOCATION KG-444-08 24/1/90 15:30 Date / Time Date / Time 1AN66-103A PROJECT NAMEALOCATION BARD 1/3 700 Relinquished by: (Signeture) Relinquished by: (Signature) Relinquished by: (Signeture) TIME SAMPLERS: (Signeture) DATE C4.50.03 0 PROJ. NO. STA. NO.

ENGINEER, G-SCIENCE

19101 VILLAVIEW ROAD. SUITE 301, CLEVELAND. OHIO 44119 • 216/486:9005

W.O. 1665		REMARKS	PZO Sicres	1665-01A, B.C, D, E, F	1665-02 A, B,C	1665- 03 A , 13 49.3 pm	1663 04 A, B. 24.3 gpm						Date / Time Received by: (Signature)	Date / Time Received by: (Signature)	l	BNSV-base nustral som volutiles pp Metals-priority pollitants	t. 12 or
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Chain-of Custody Record	PROJ. NO. PROJECT NAME/LOCATION (とそろろ.03 メルル は の - イム SA	SAMPLERS: (Signature)	STA. NO. DATE TIME ON P.	୬୦ ନ ७/୯	1090	1. 0450			-16				Relinquished by: (Signeture)	Refinquished by: (Signature)	Referentabled for: (Simplification)		Distributio

ENGINEERING-SCIENCE

19101 VILLAVIEW ROAD SUITE 301, CLEVELAND. OHIO 44119 • 216/486 9005

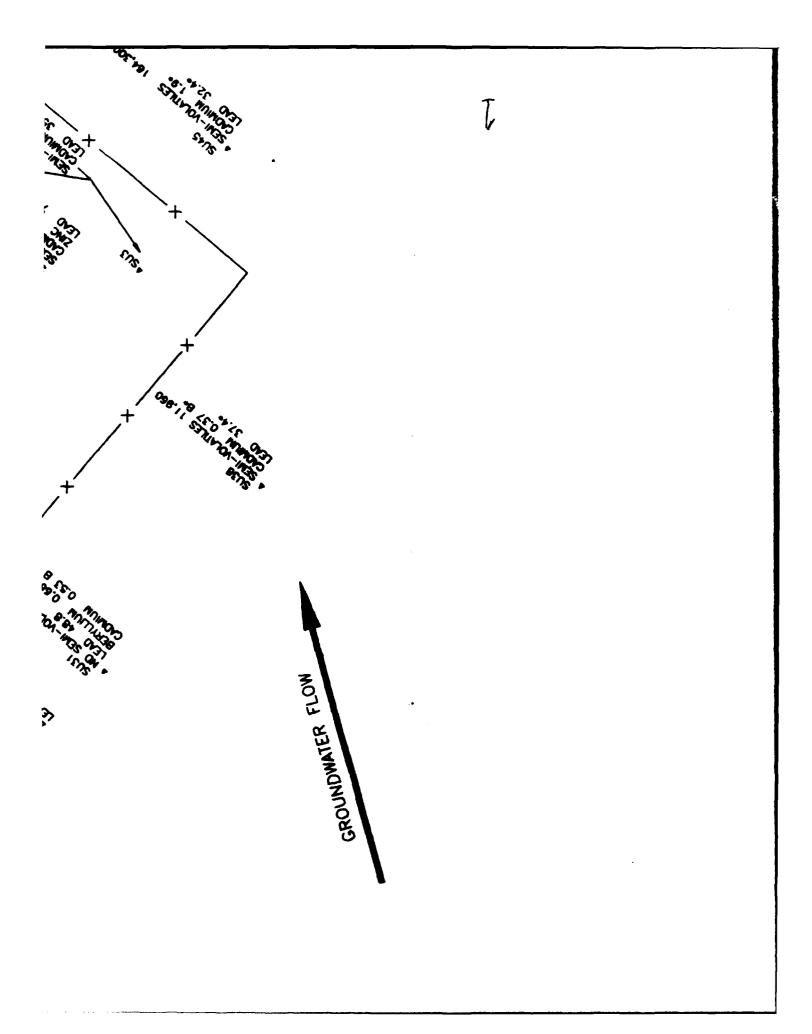
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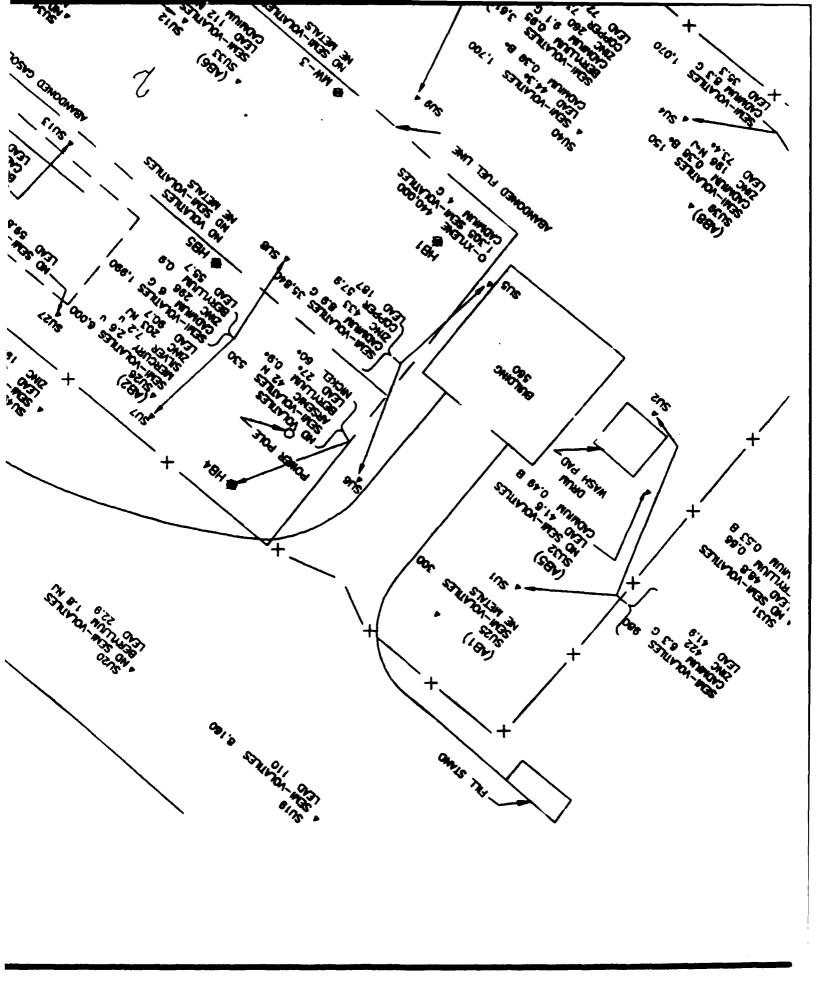
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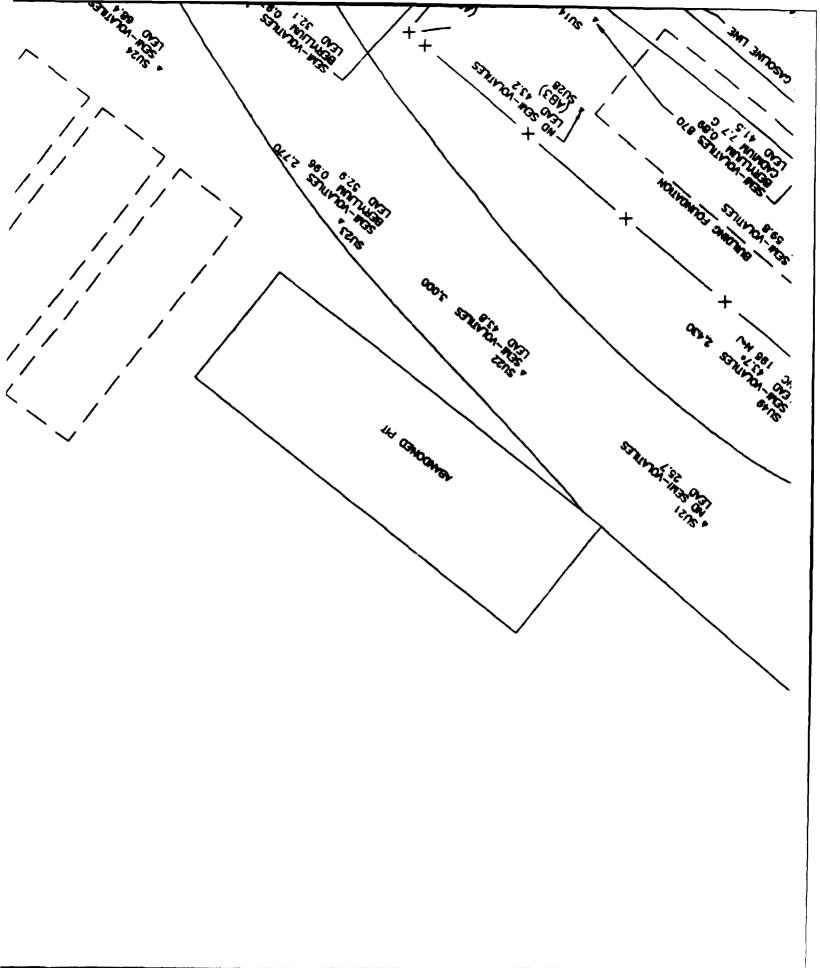
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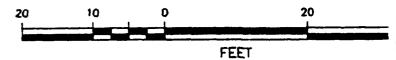
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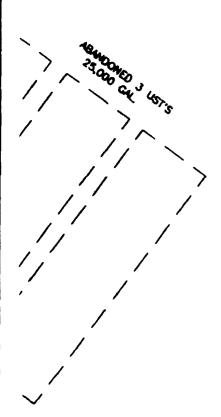
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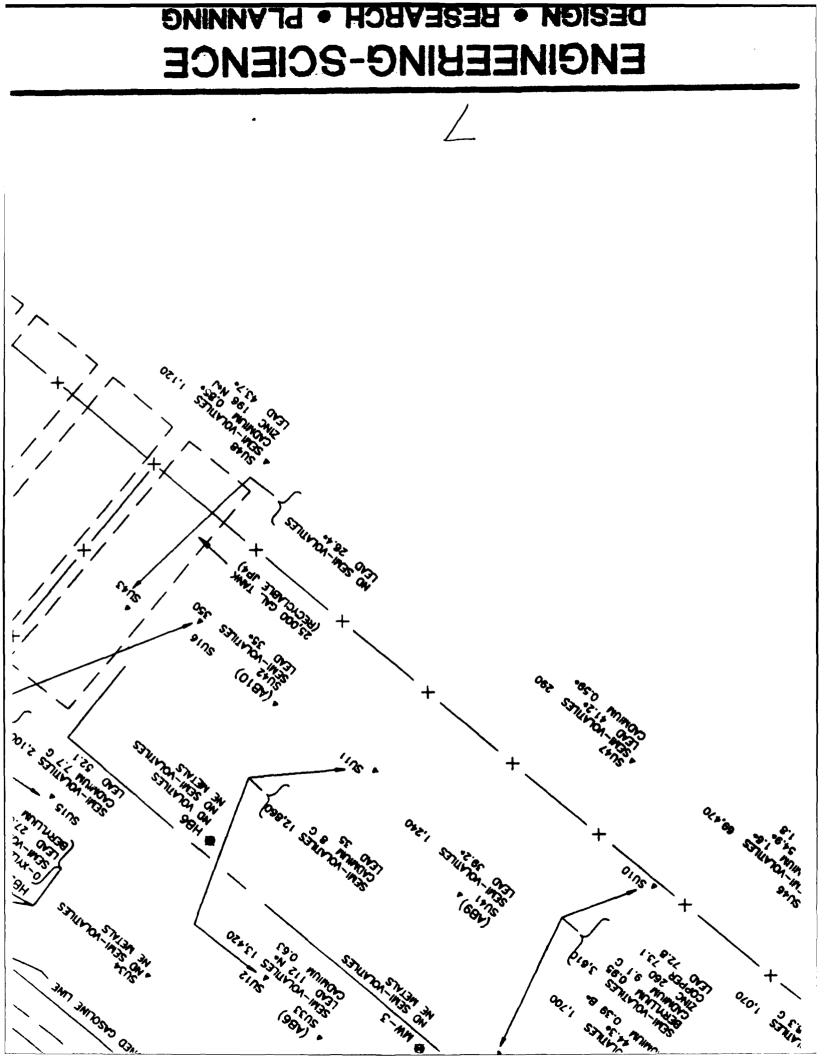
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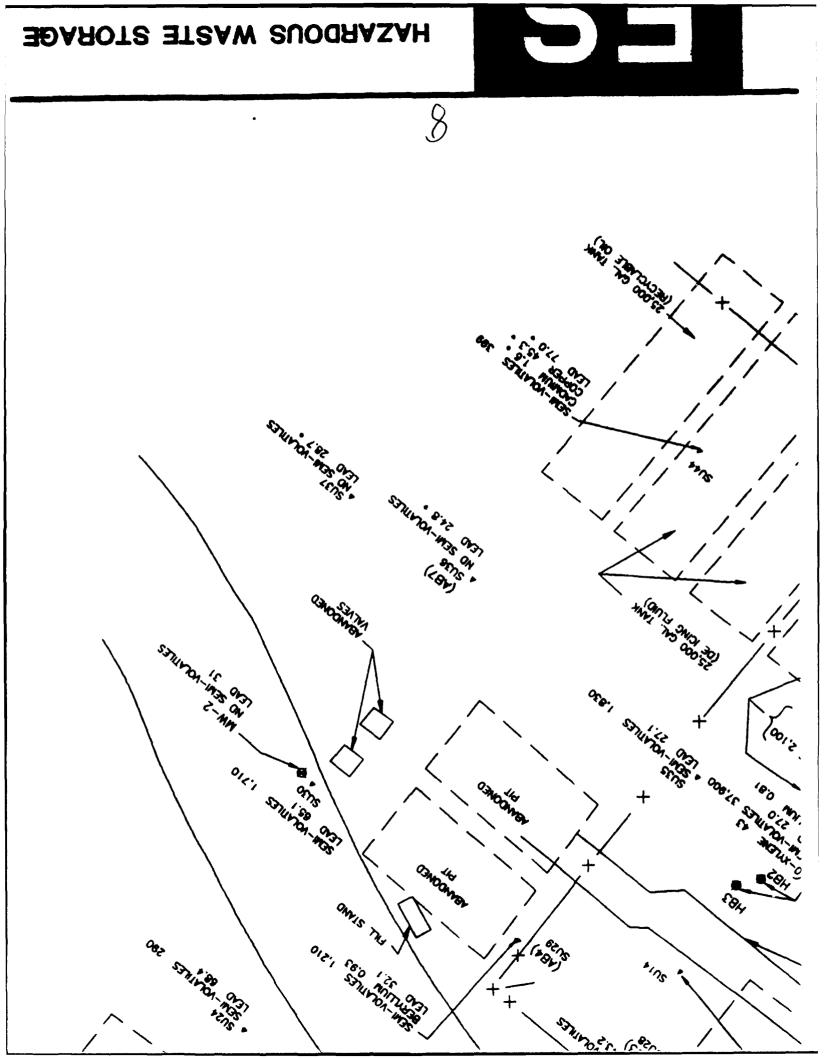
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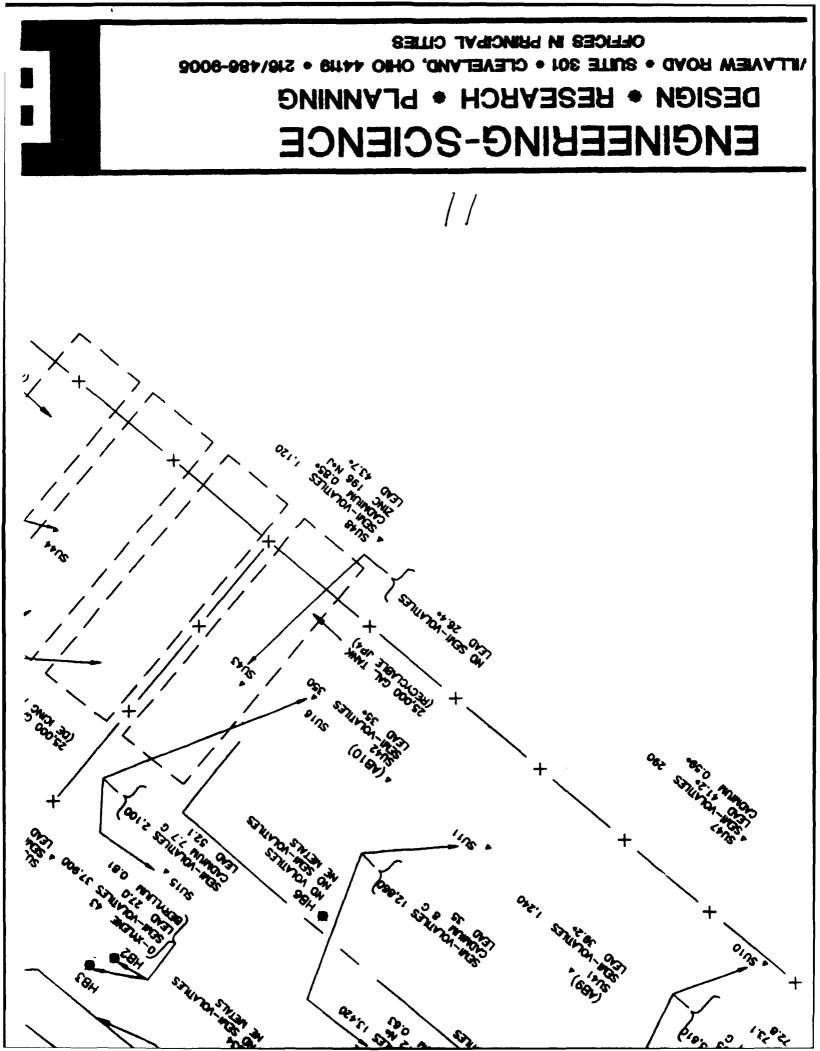




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SURFACE SOIL SAMPLES 0' - 2' SEMI-VOLATILE ORGANICS AND METALS

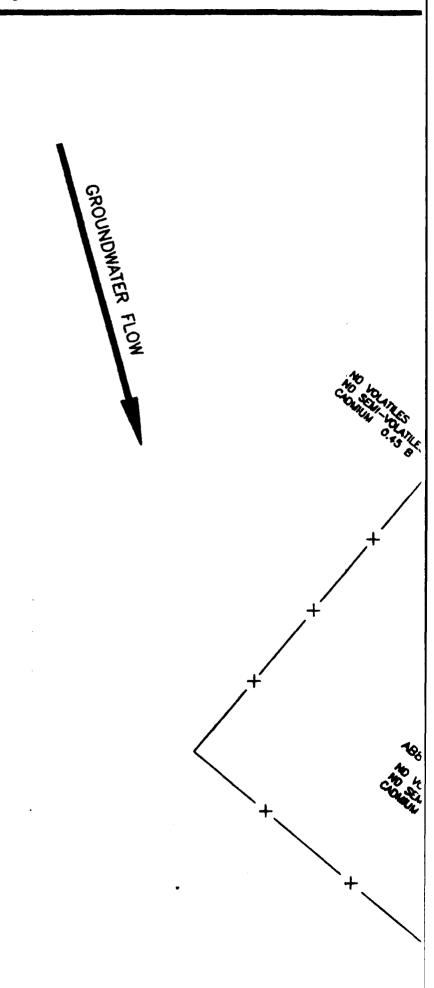
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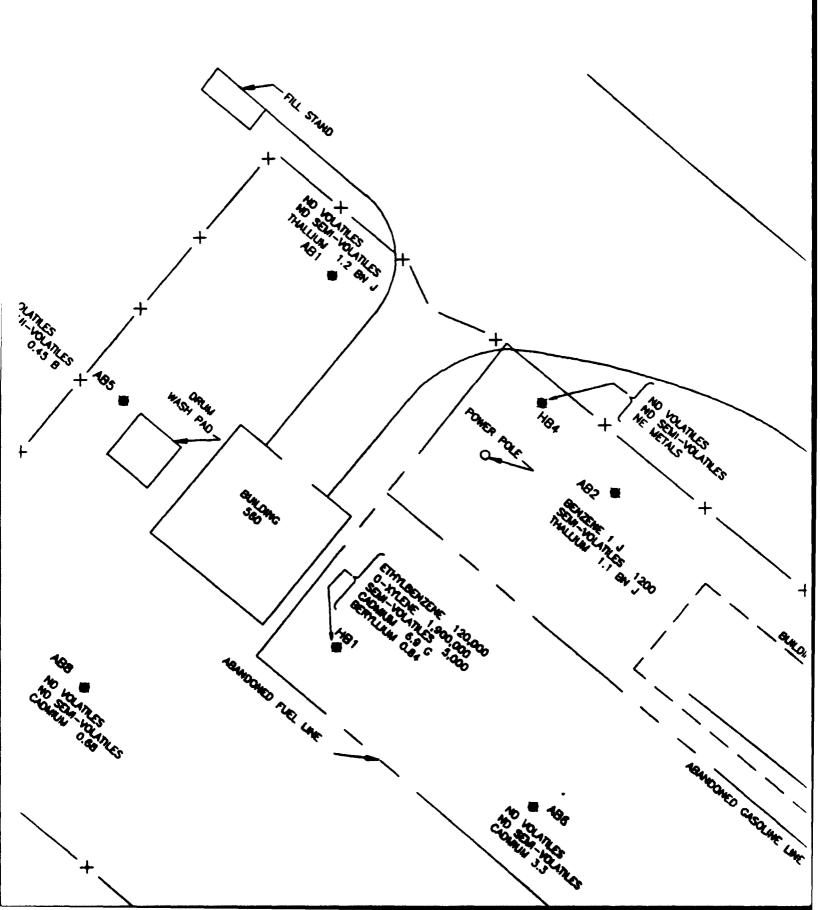
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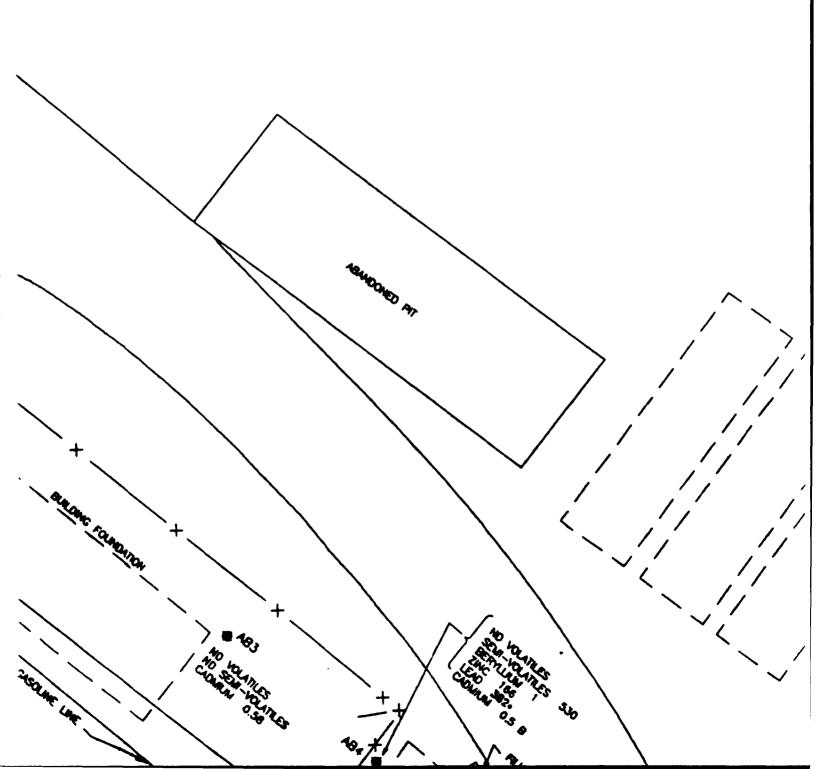
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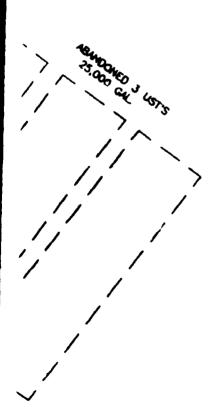
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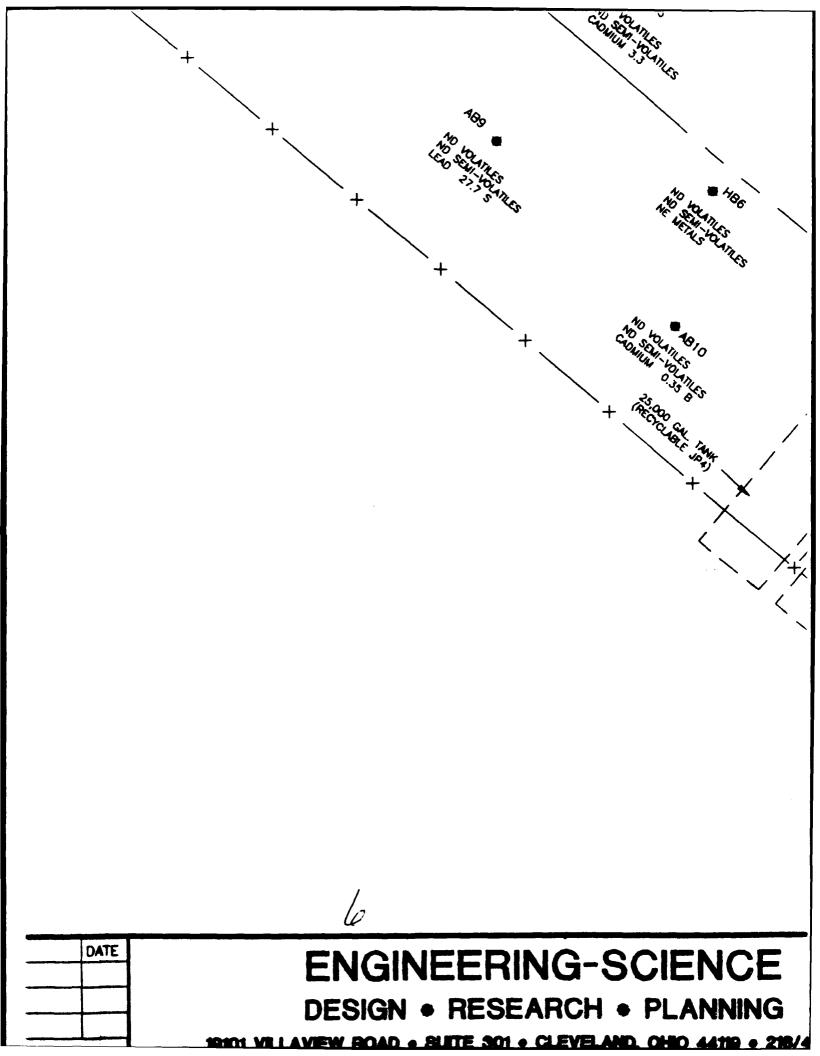
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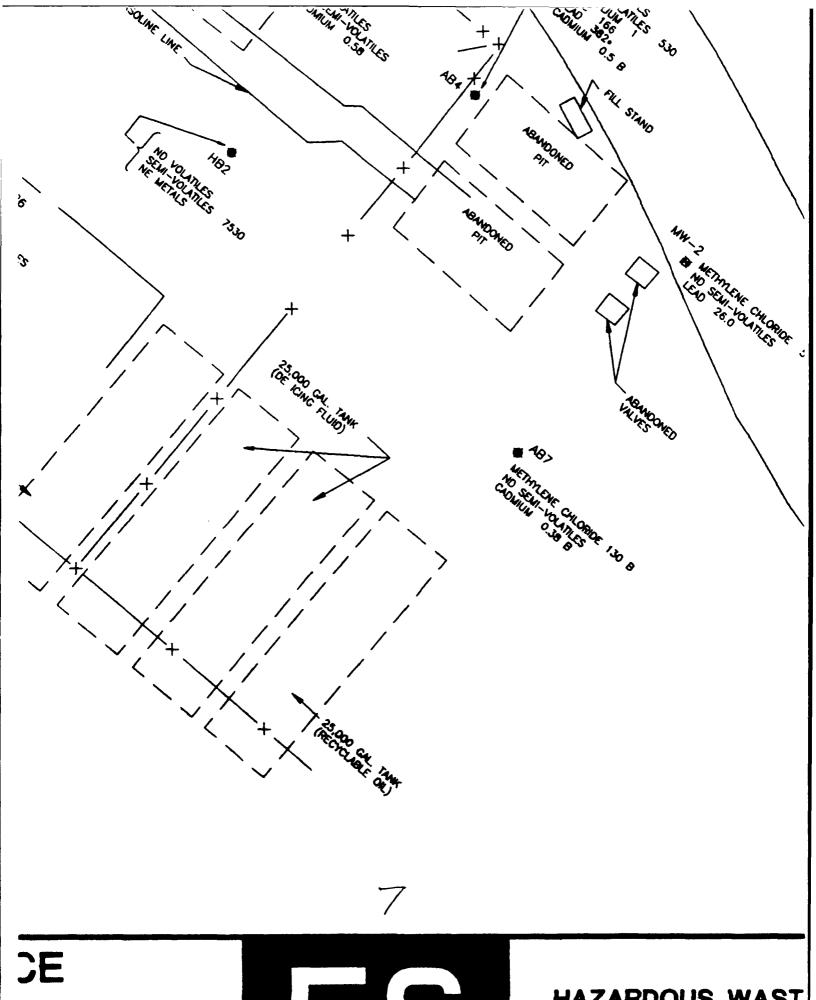
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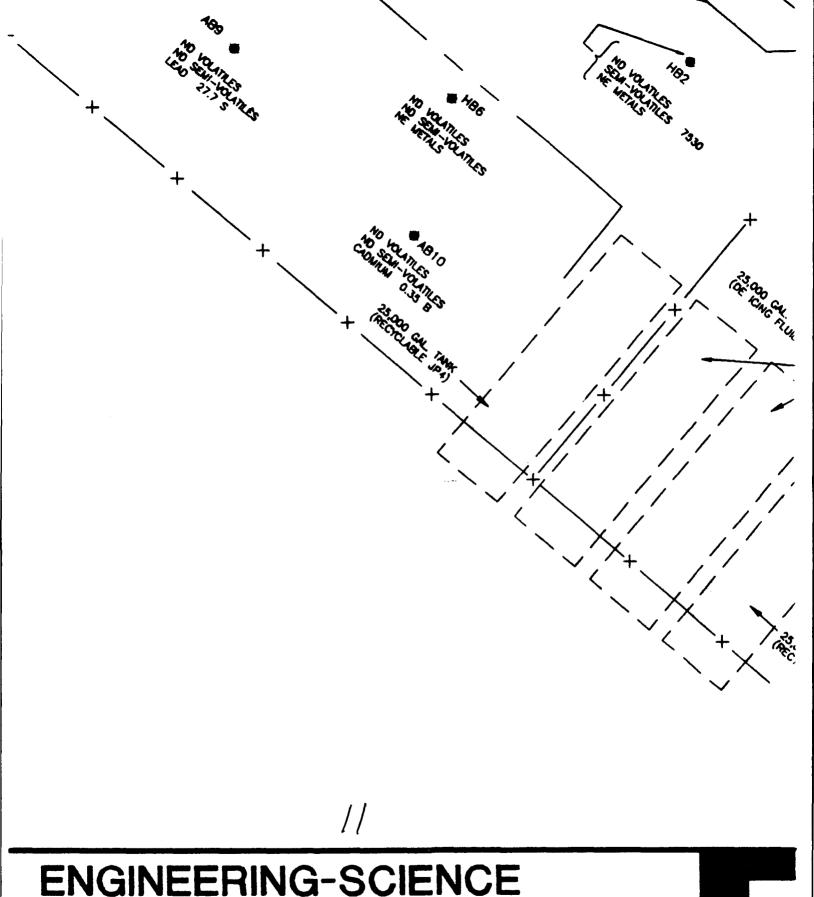
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HAZARDOUS WAST

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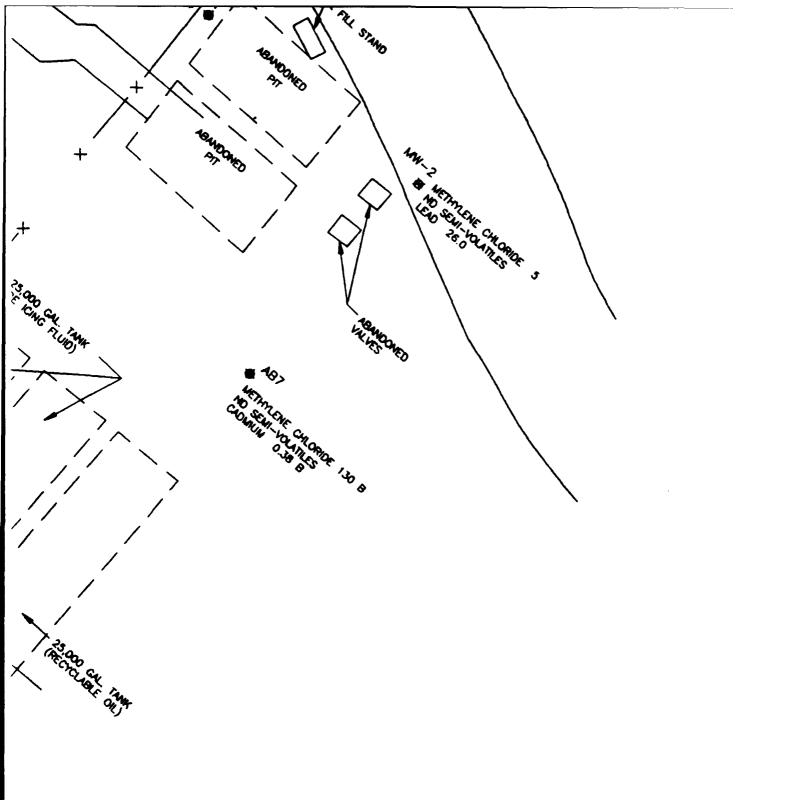
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HAZARDOUS WASTE STORAGE AREA

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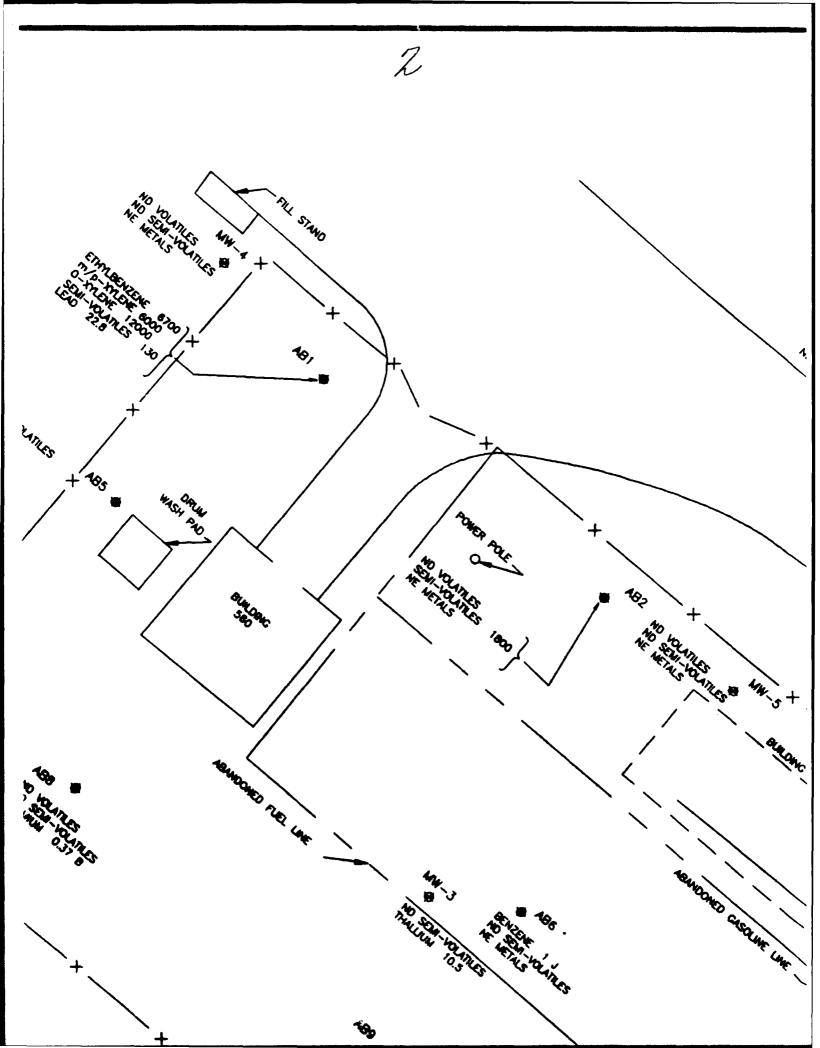
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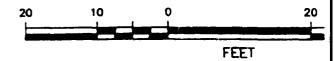
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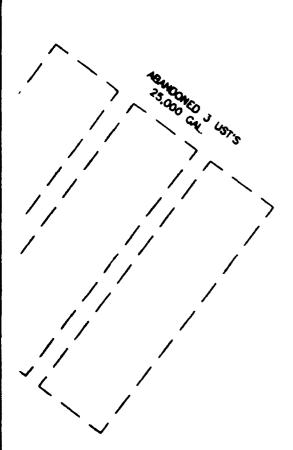
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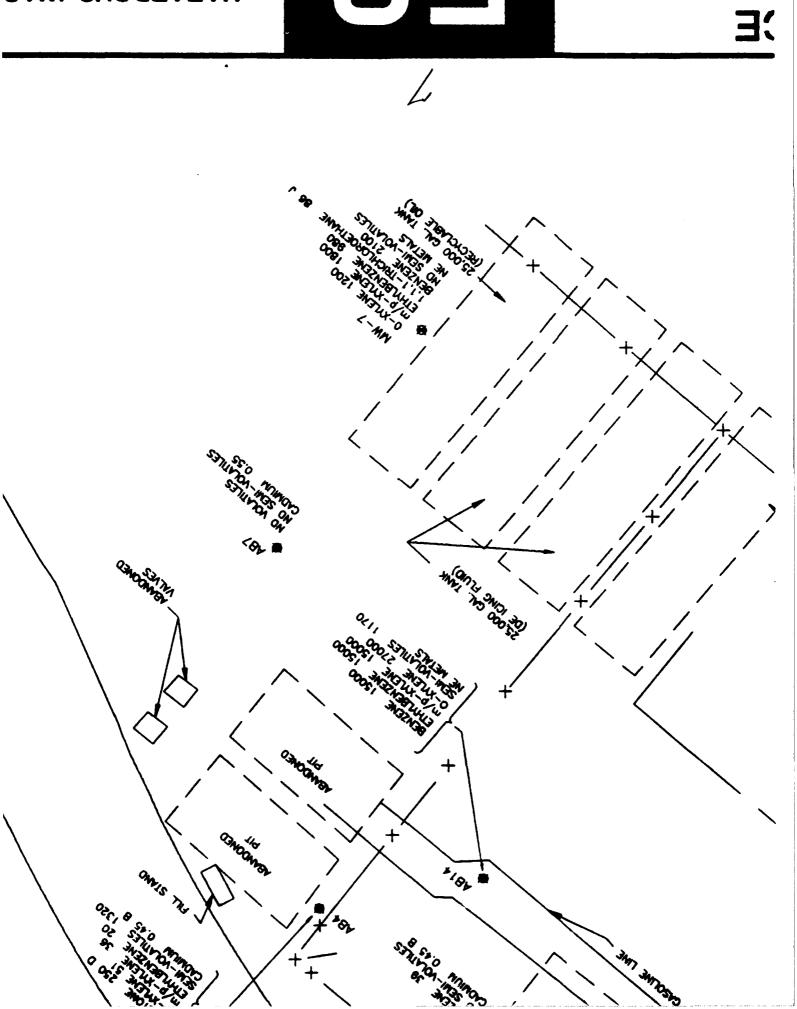
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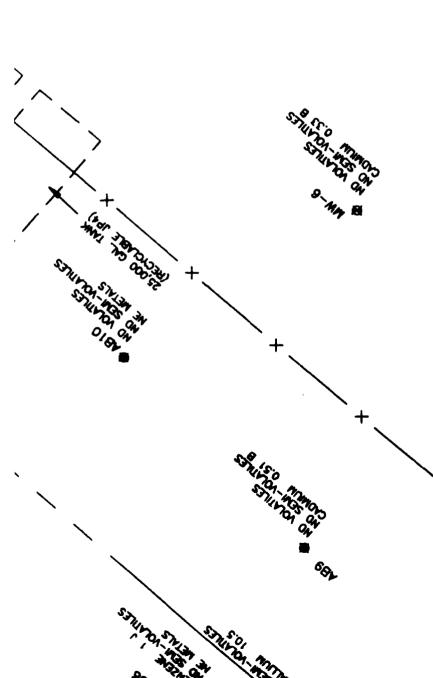


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2017 SAMPLE 8' - 10' SEMI-VOLATILE ORGANICS METALS, VOLATILE ORGANICS AND

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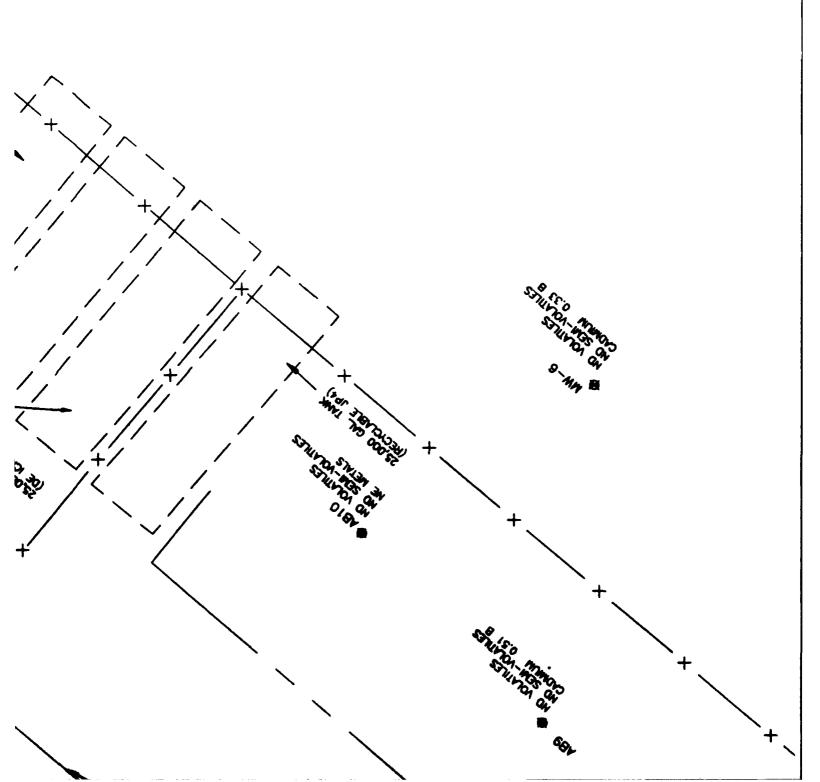
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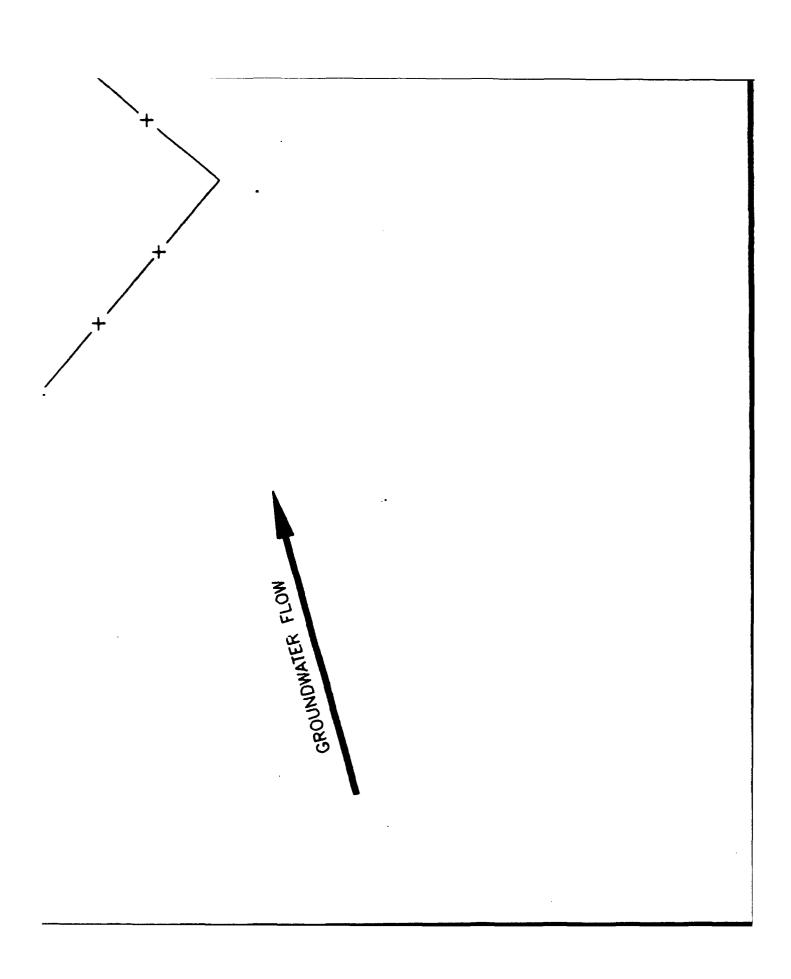
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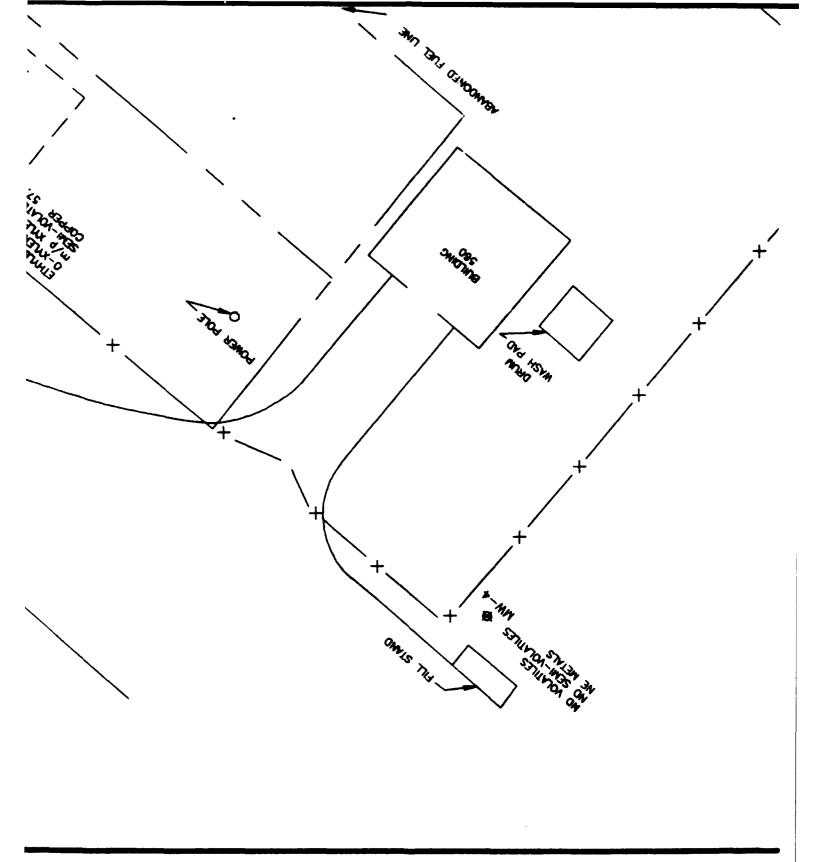


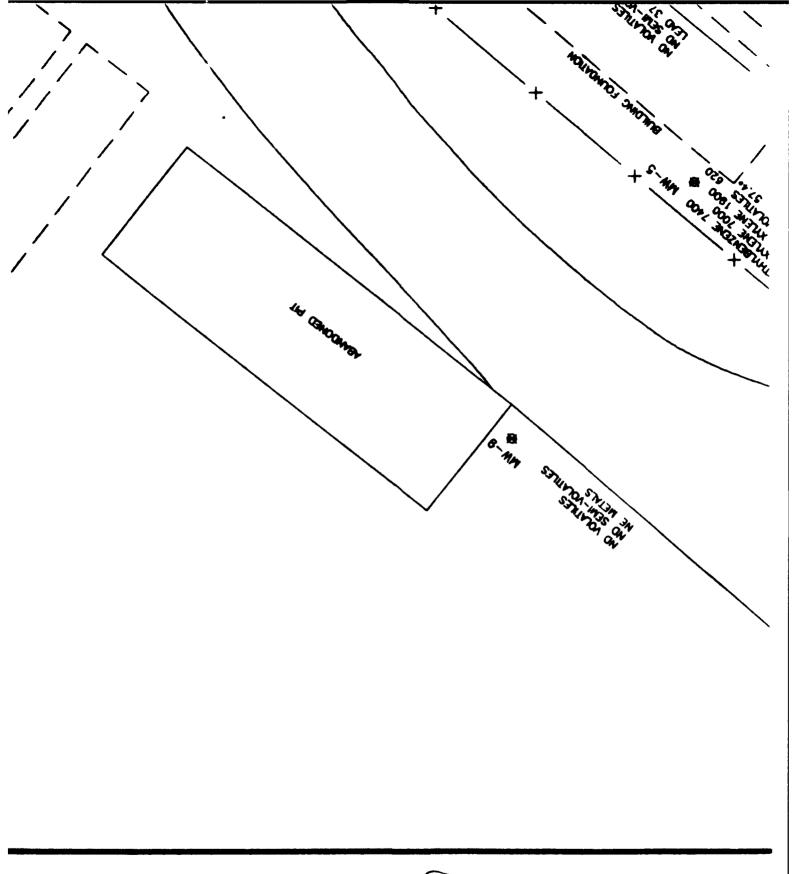


HAZARDOUS WASTE STORAGE AREA HICKENBACKER ANGB, OHIO

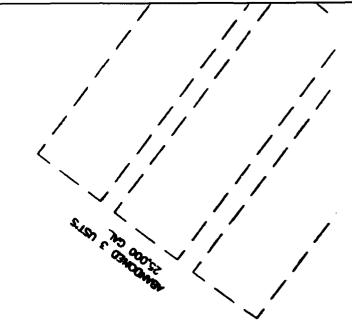
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VOLATILE AND SEMI-VOLATILE ORGANICS IN WETALS IN M9/K9

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VOLATILE AND SEMI-VOLATILE ORGANICS IN MG/KG METALS IN MG/KG

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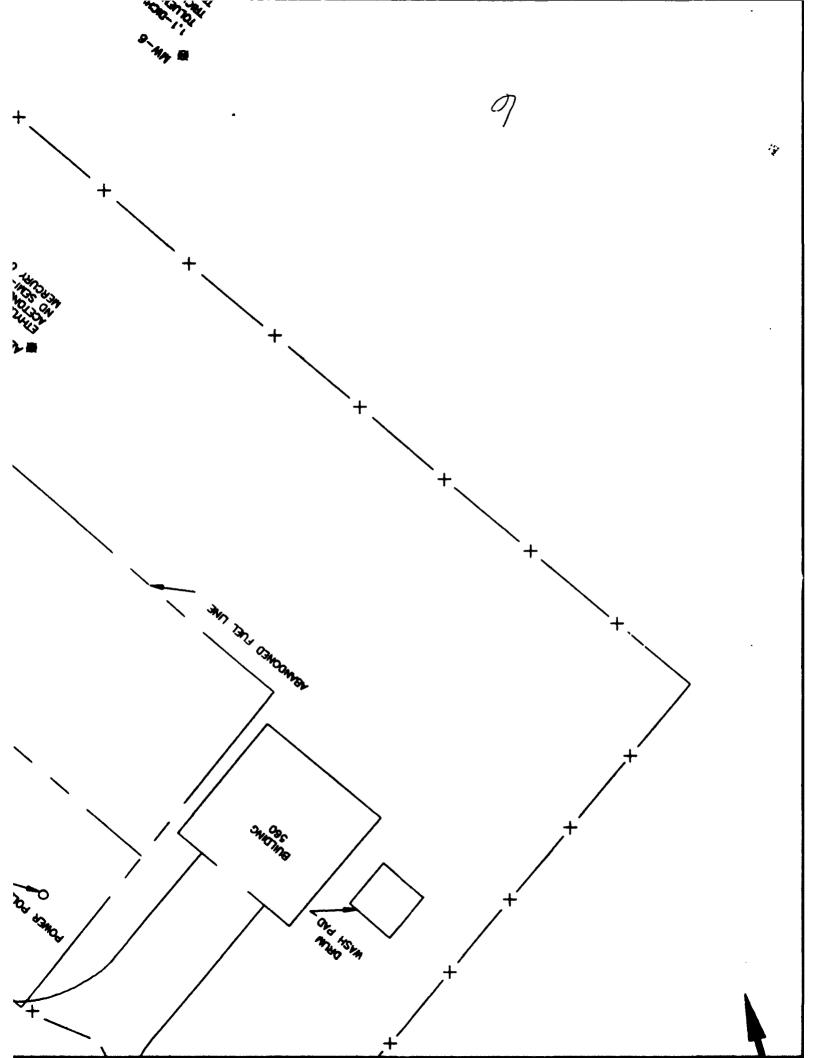
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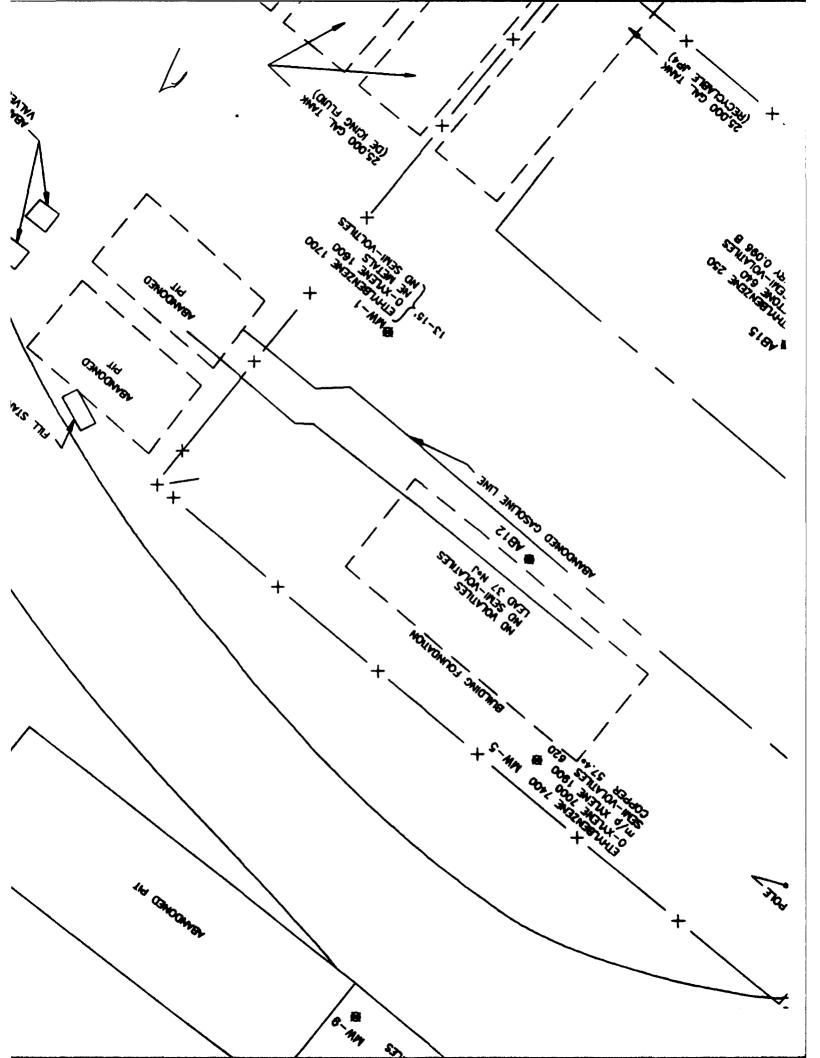
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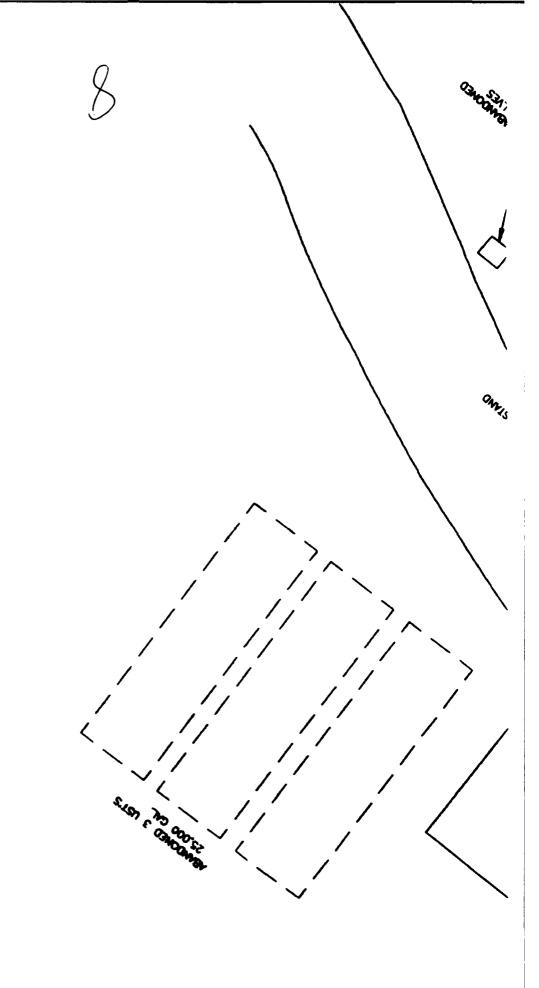
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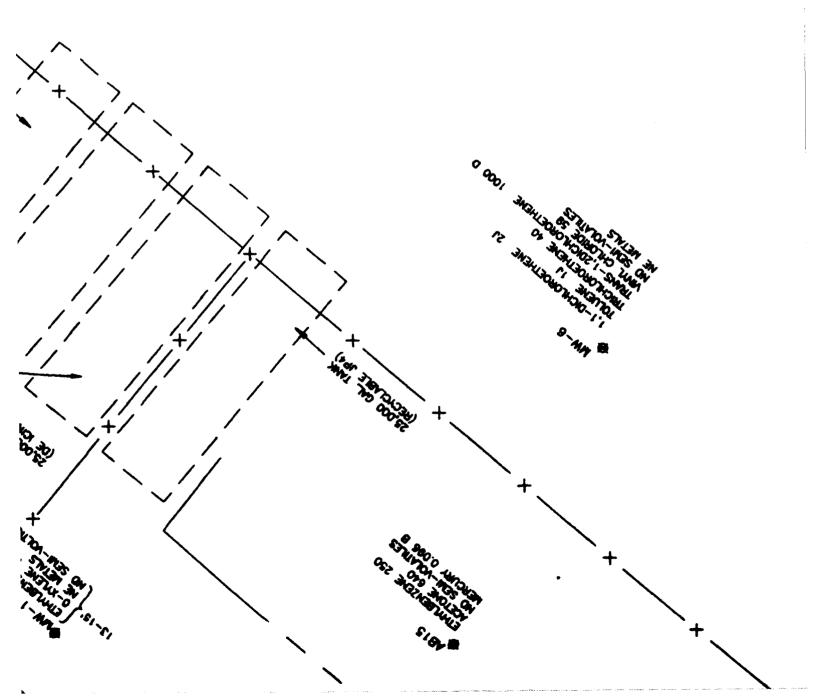
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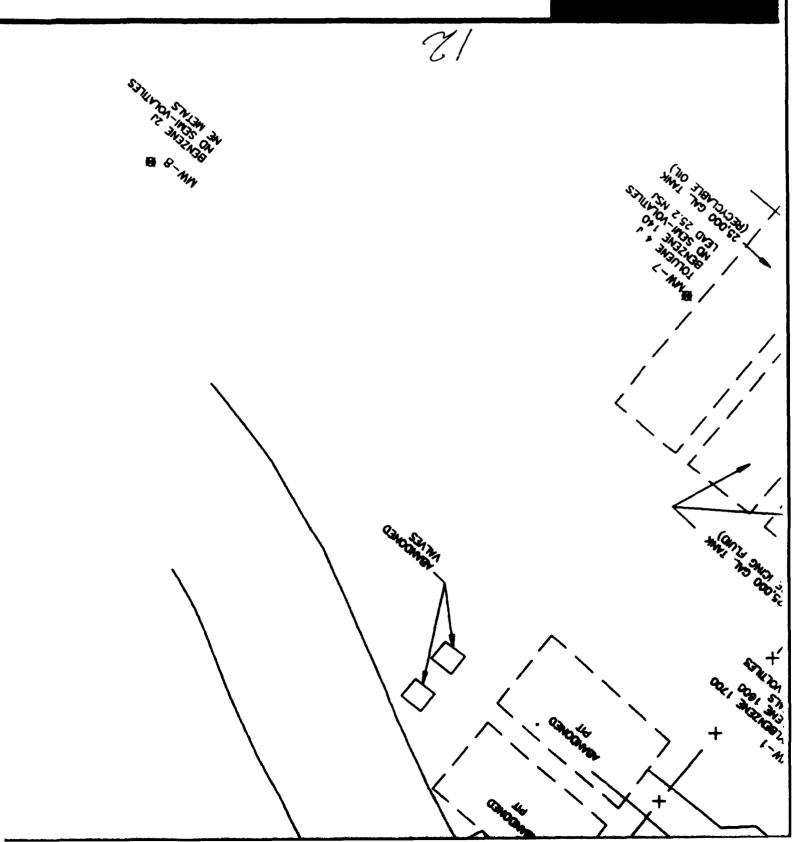
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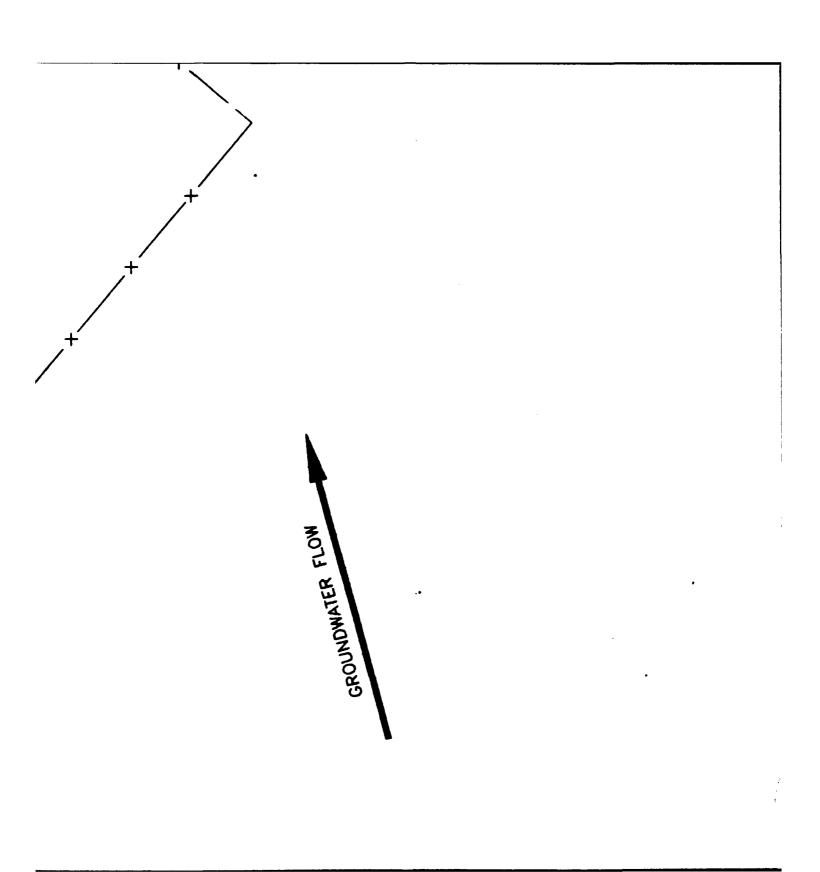


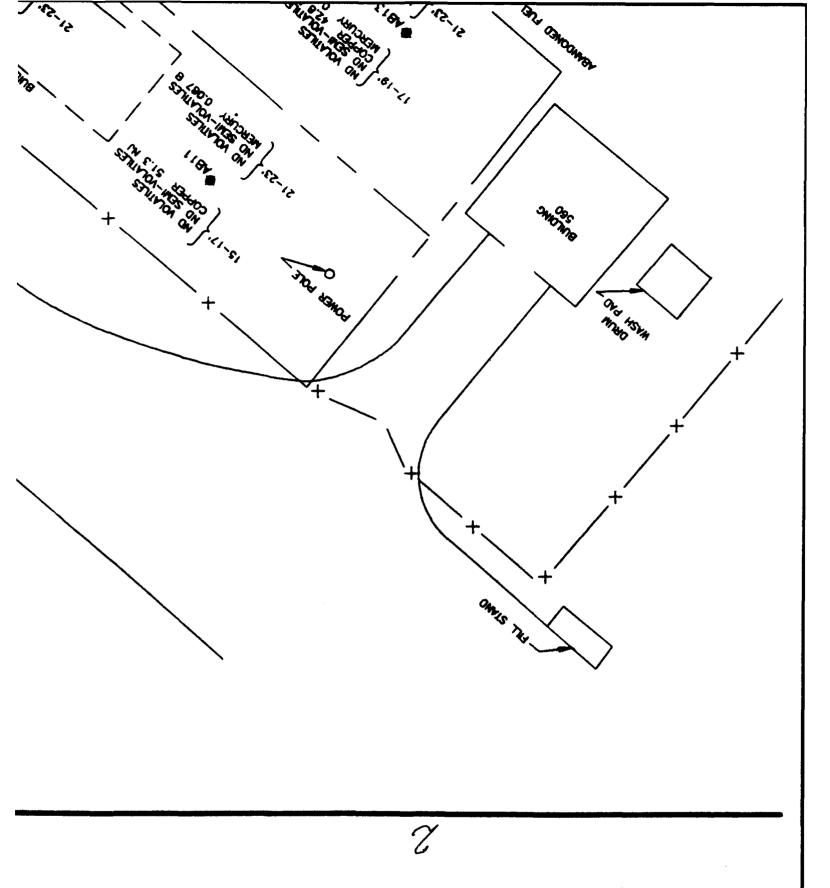


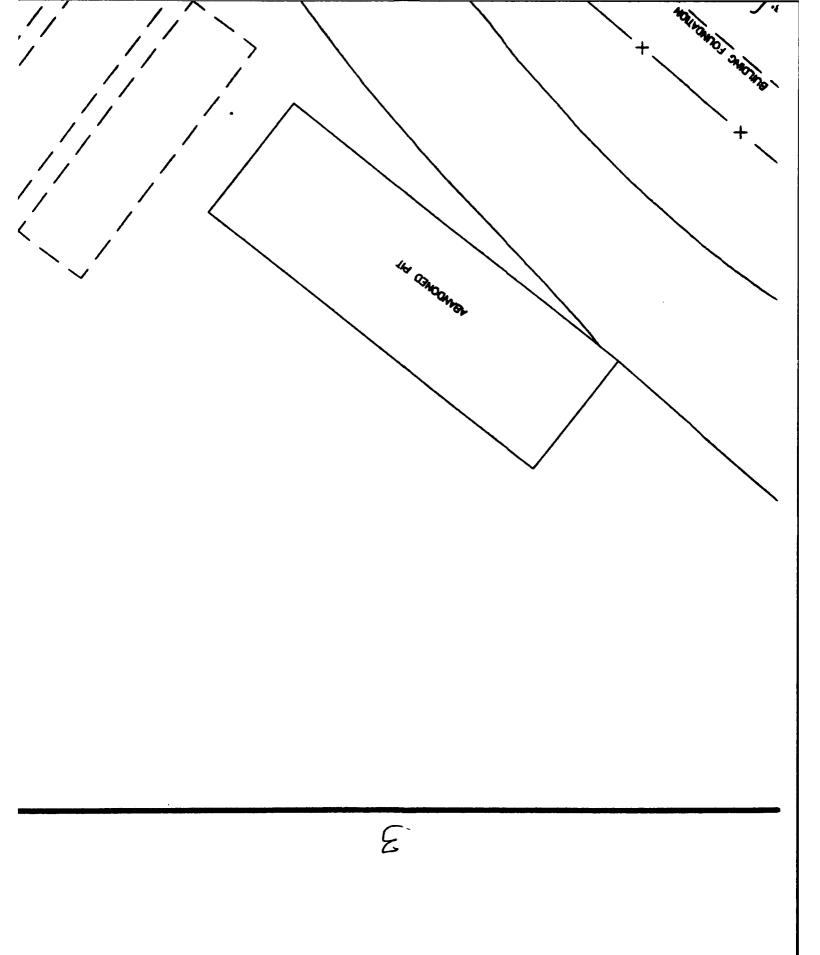
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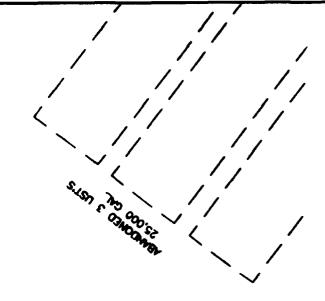
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VOLATILE AND SEMI-VOLATILE ORGANICS IN M91.
WETALS IN M9/K9

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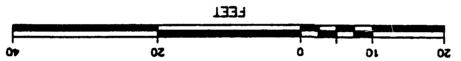
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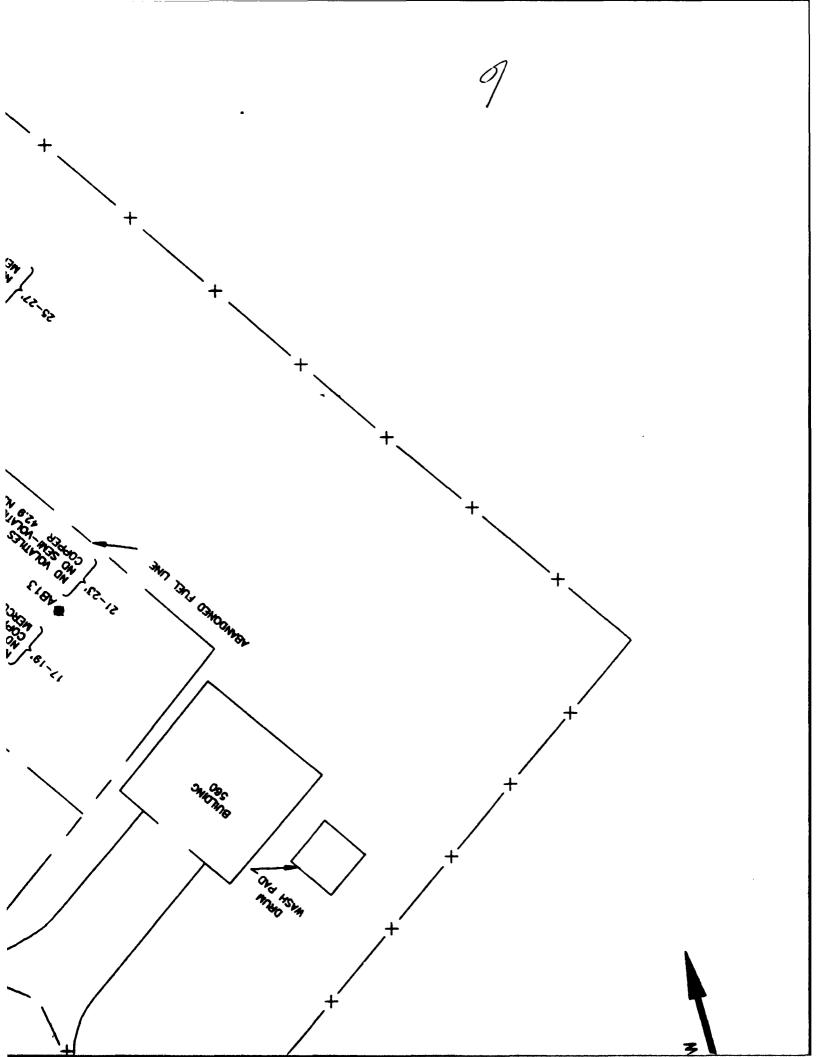
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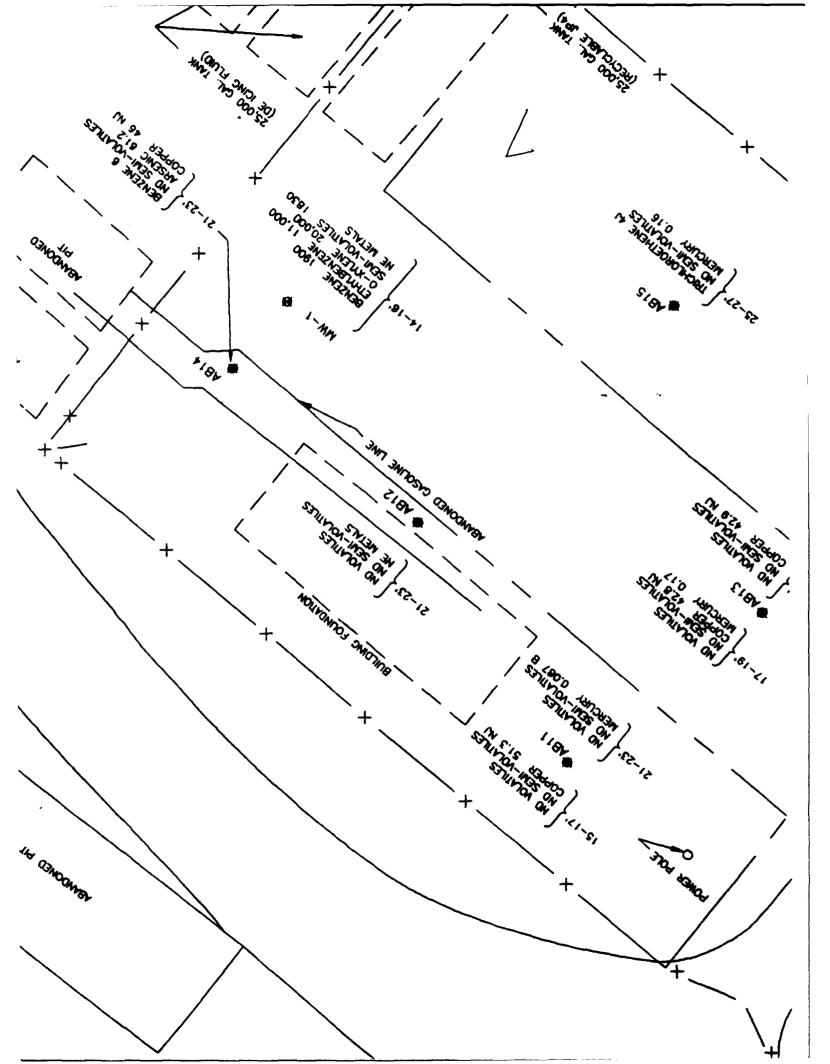
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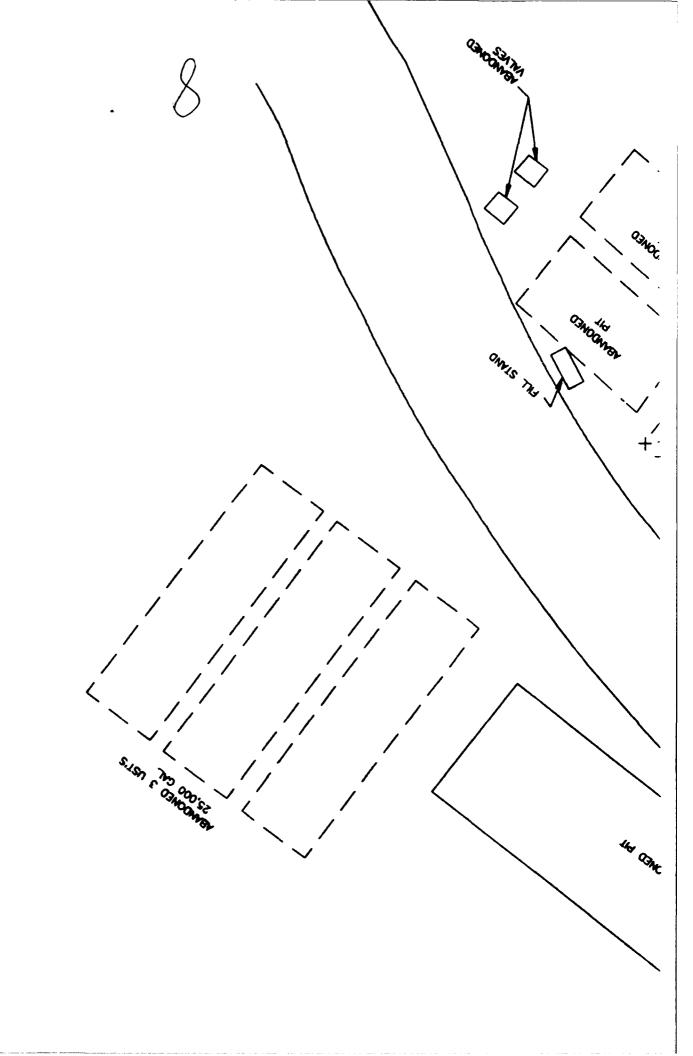
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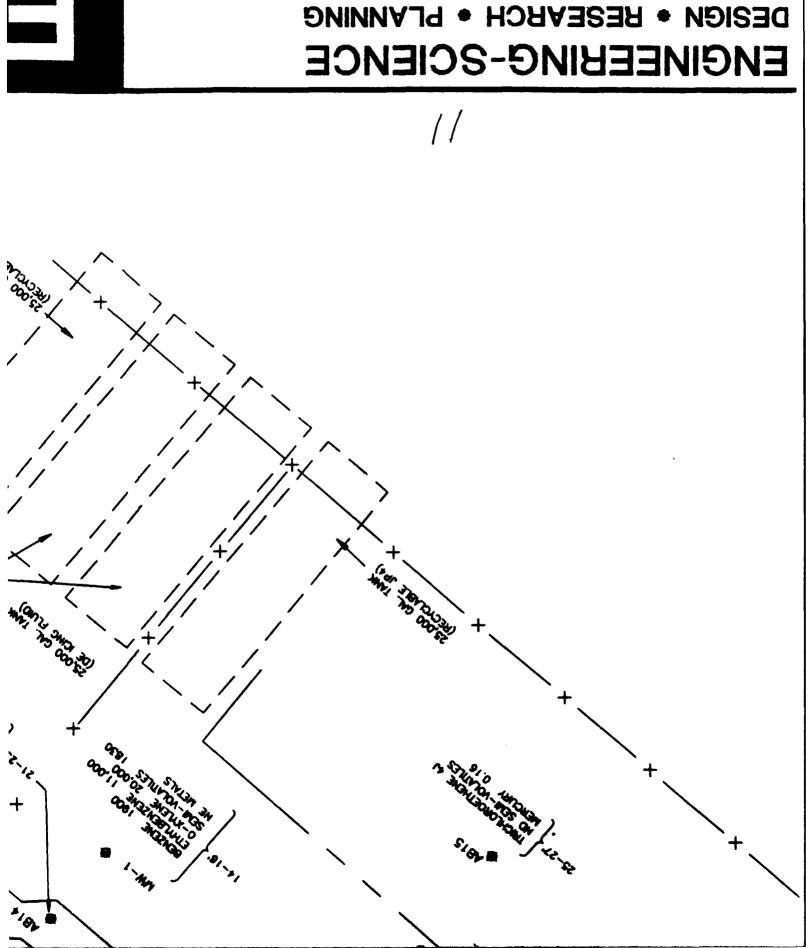


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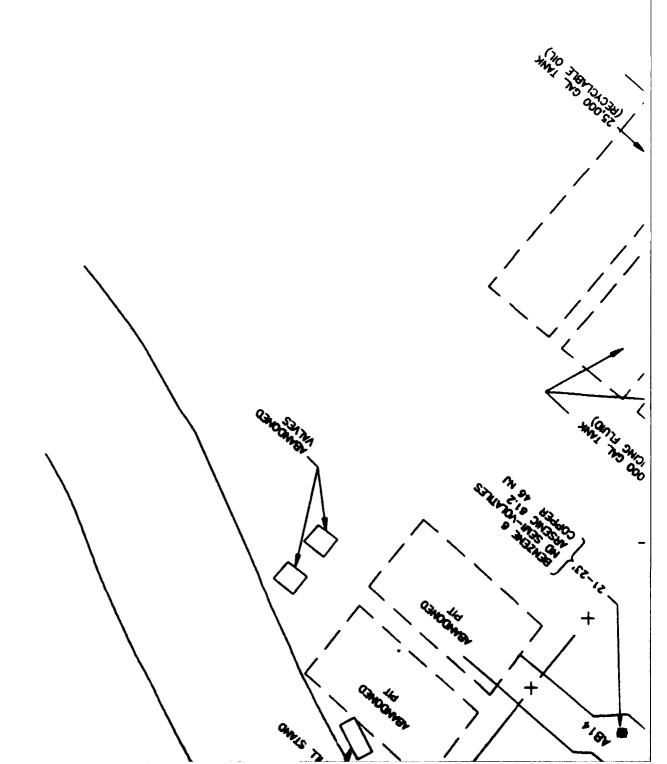
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HAZARDOUS WASTE STORAGE AREA RICKENBACKER ANGE, OHIO



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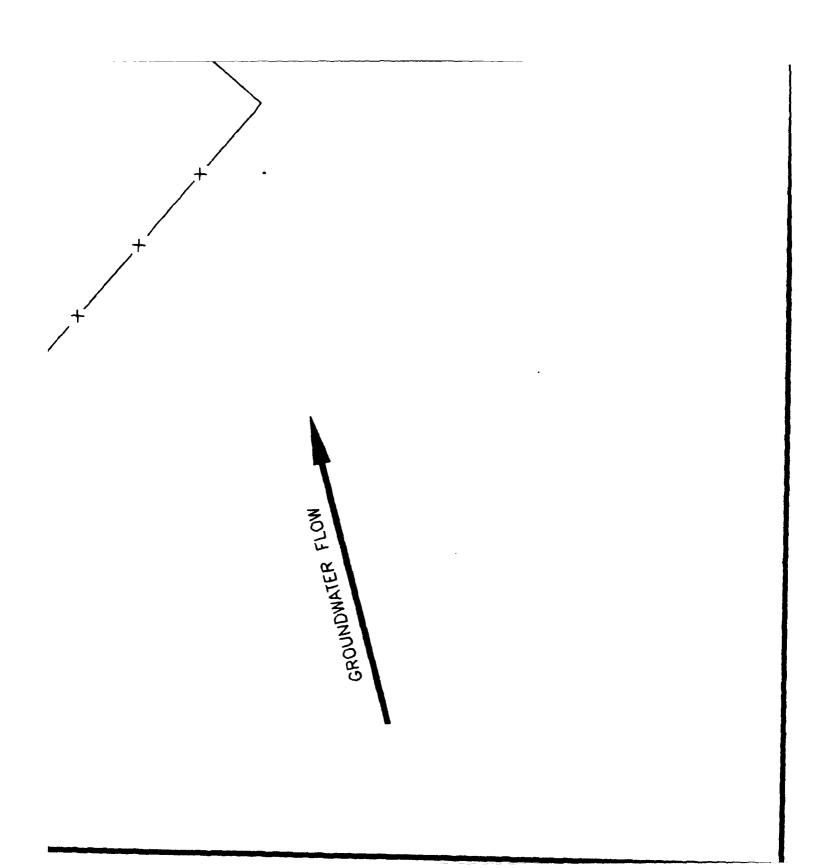
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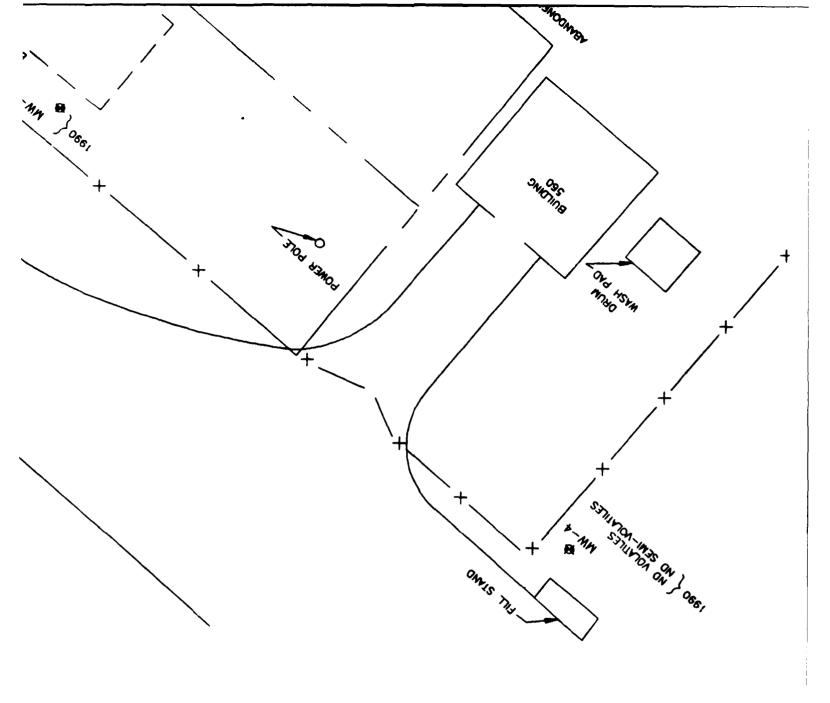
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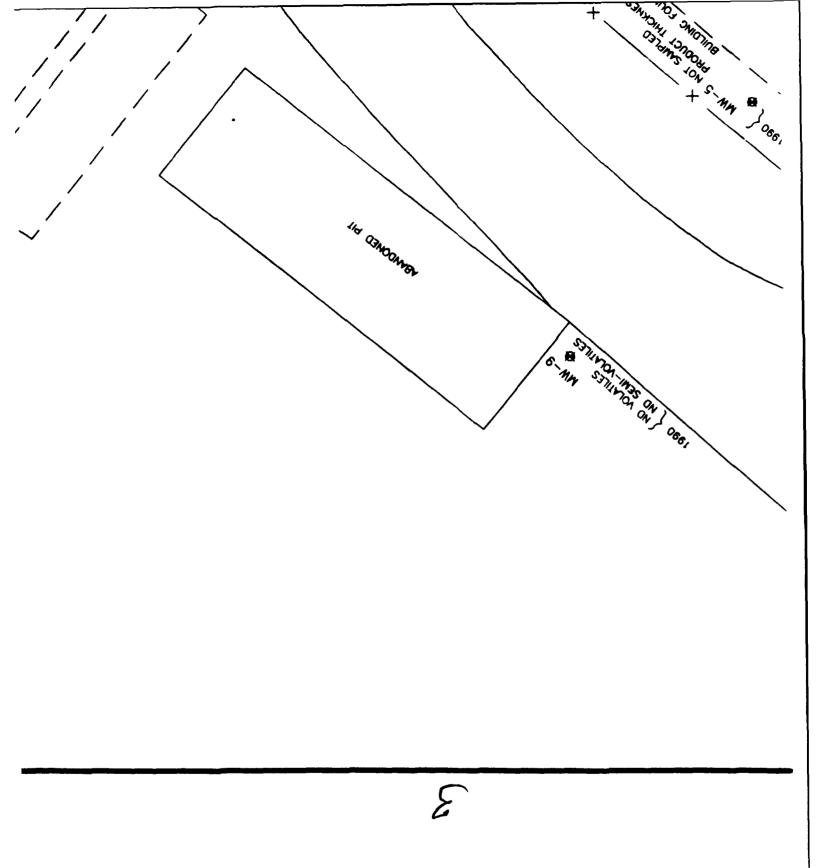
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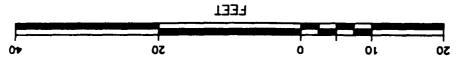
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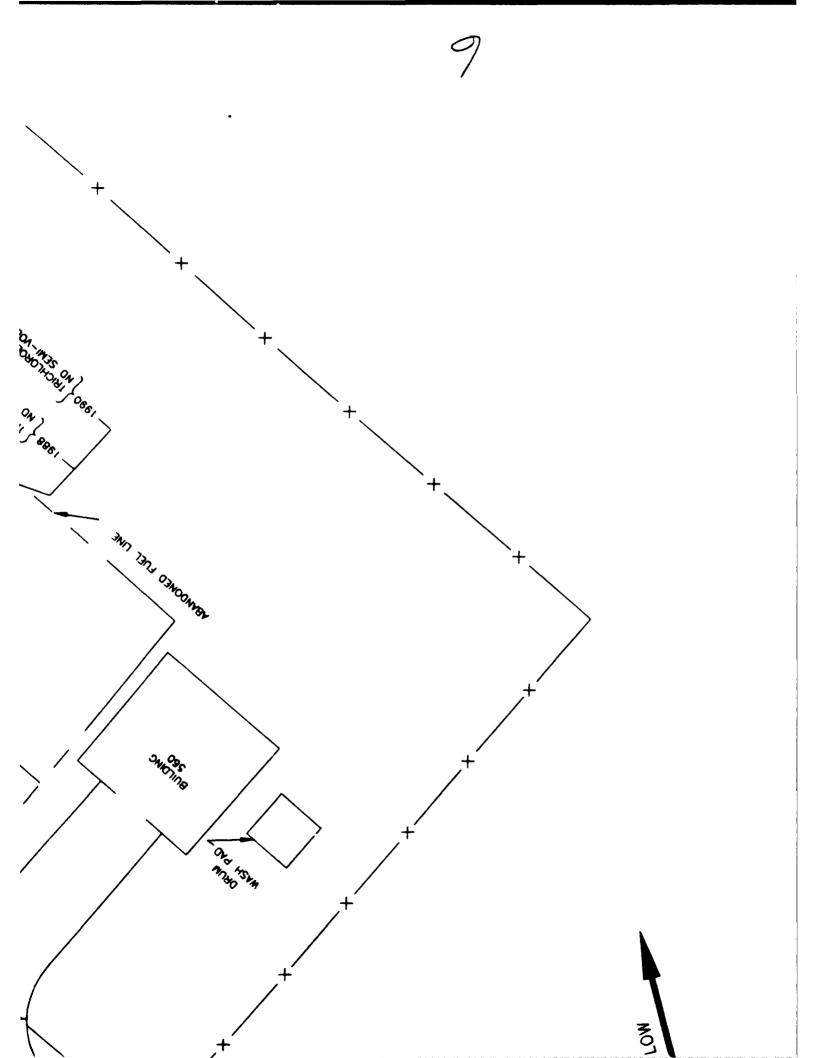
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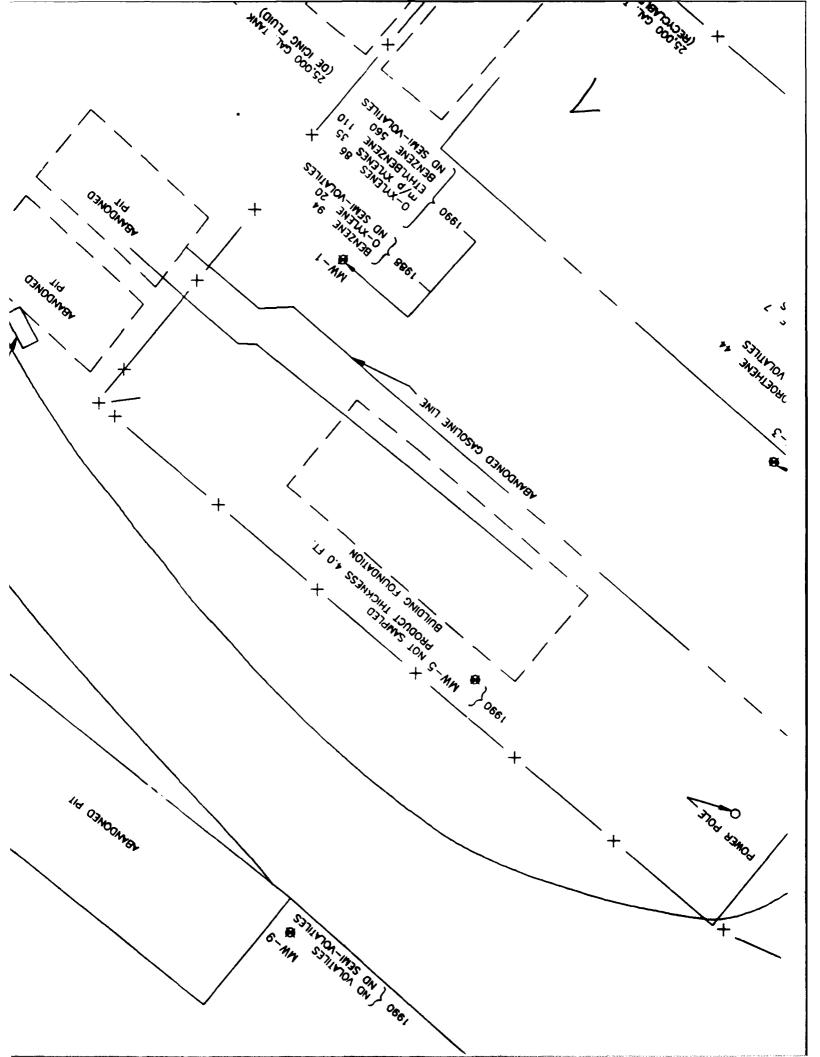
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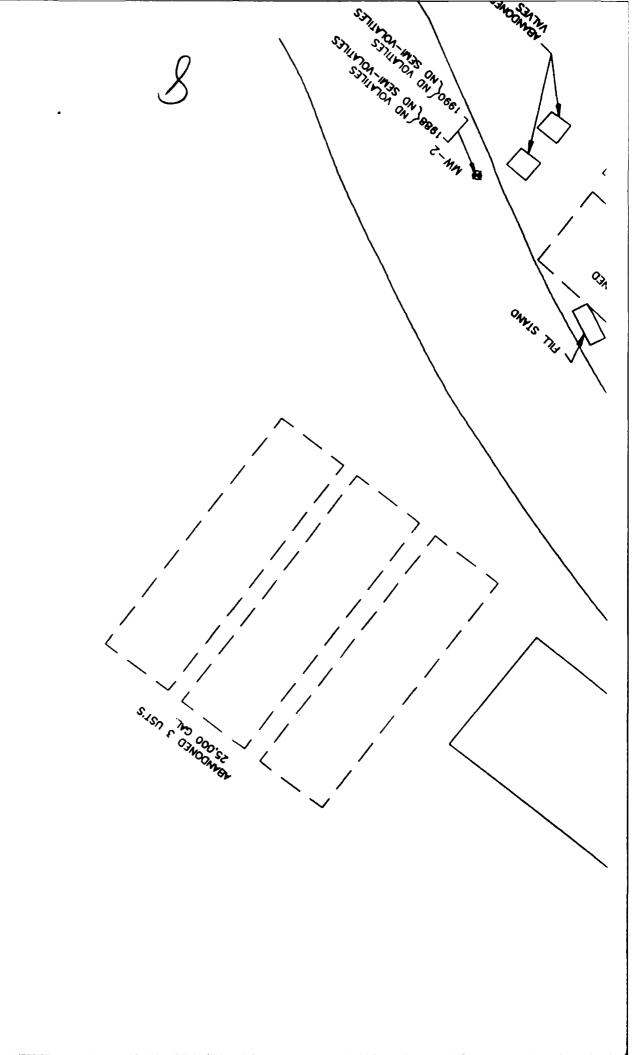
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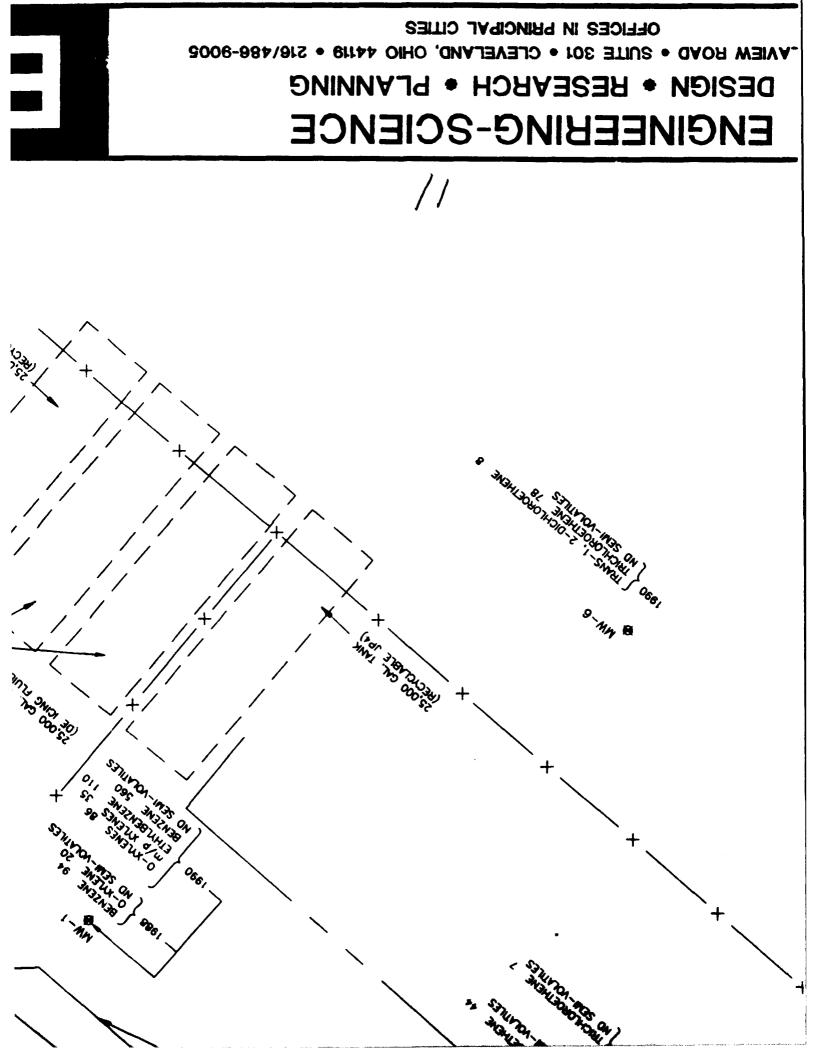
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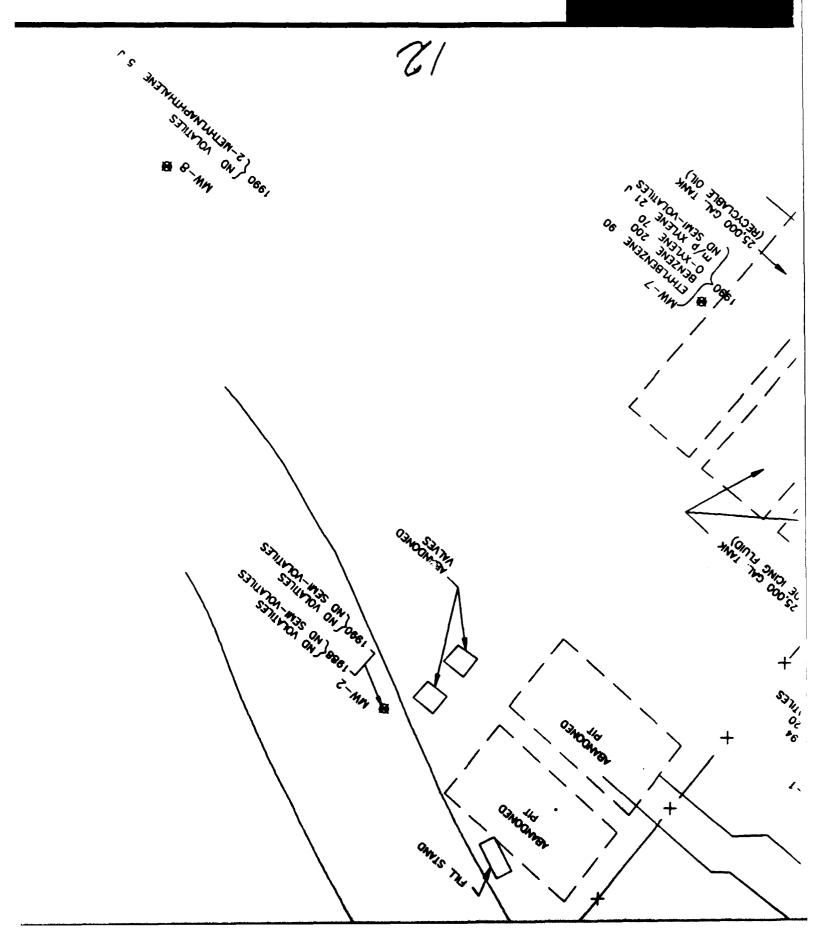
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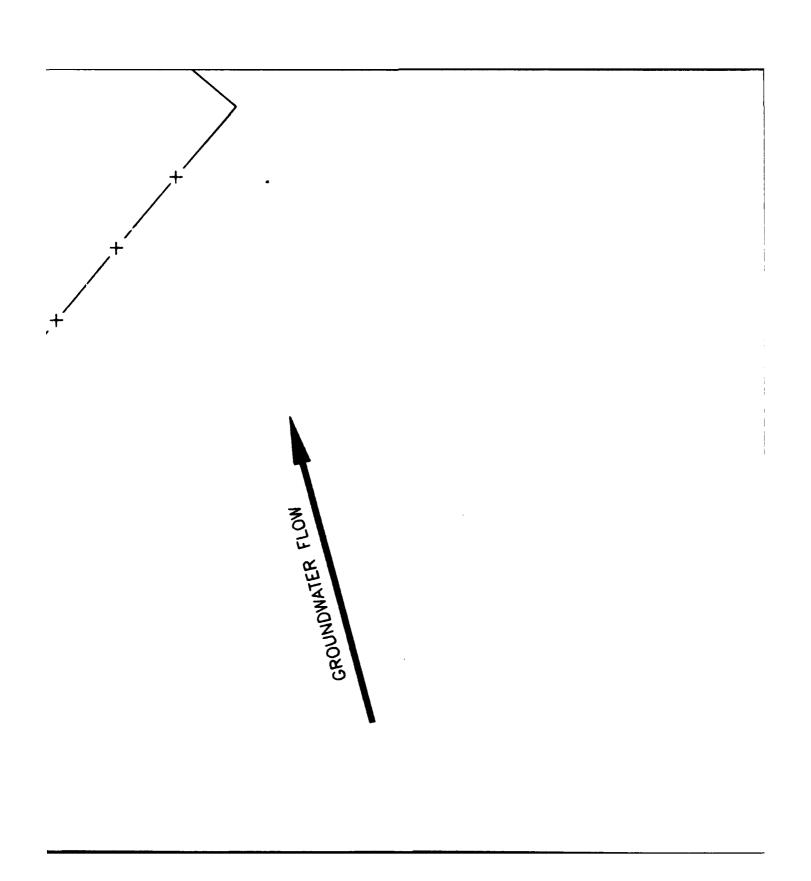
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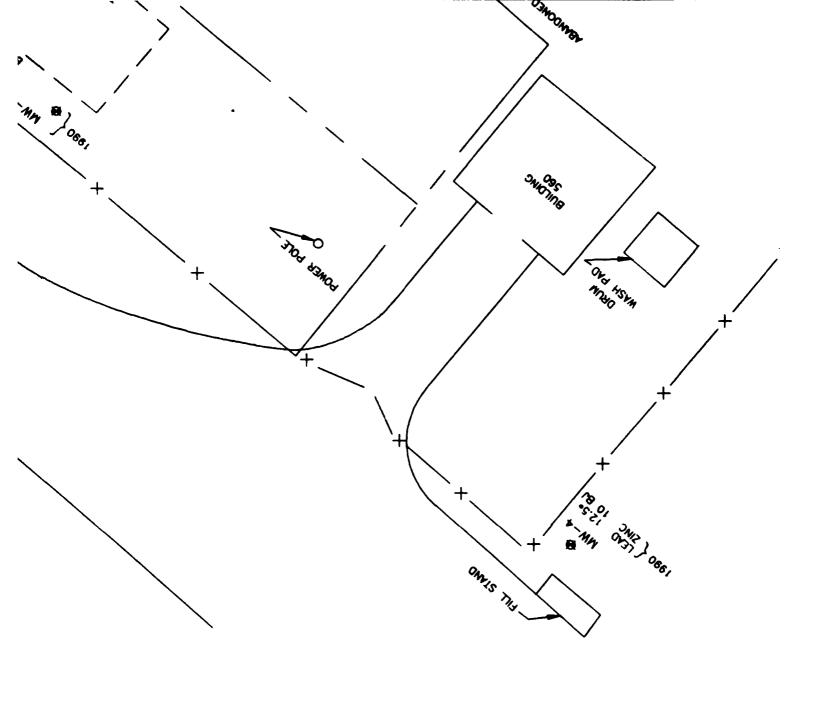


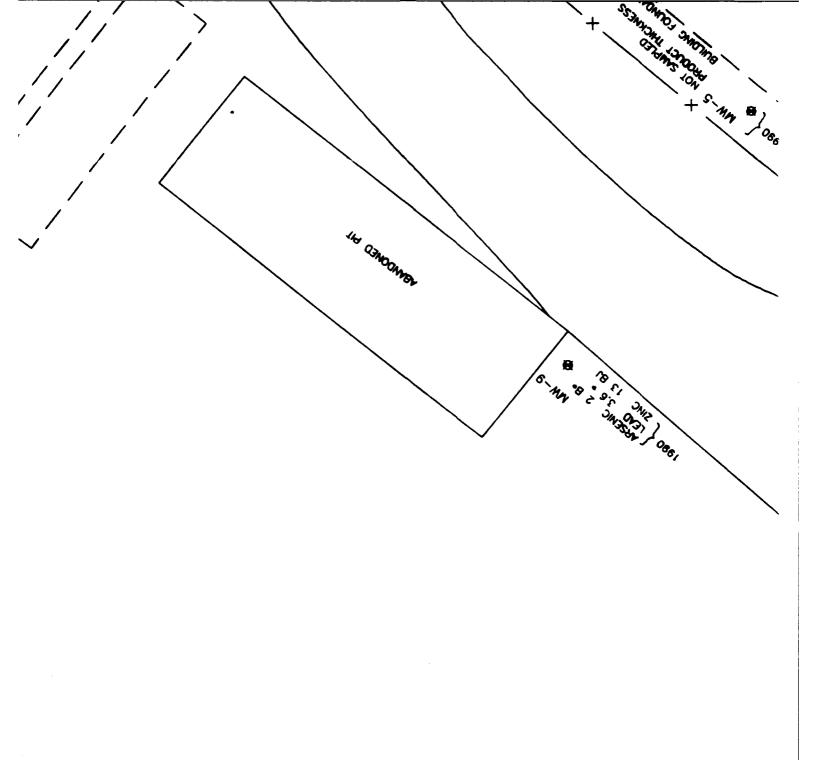
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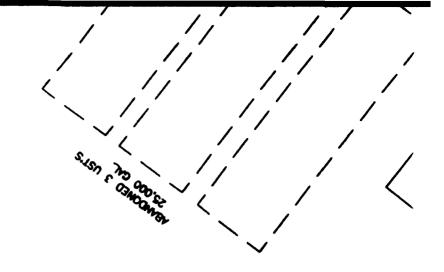
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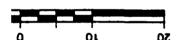
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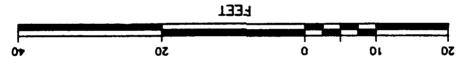
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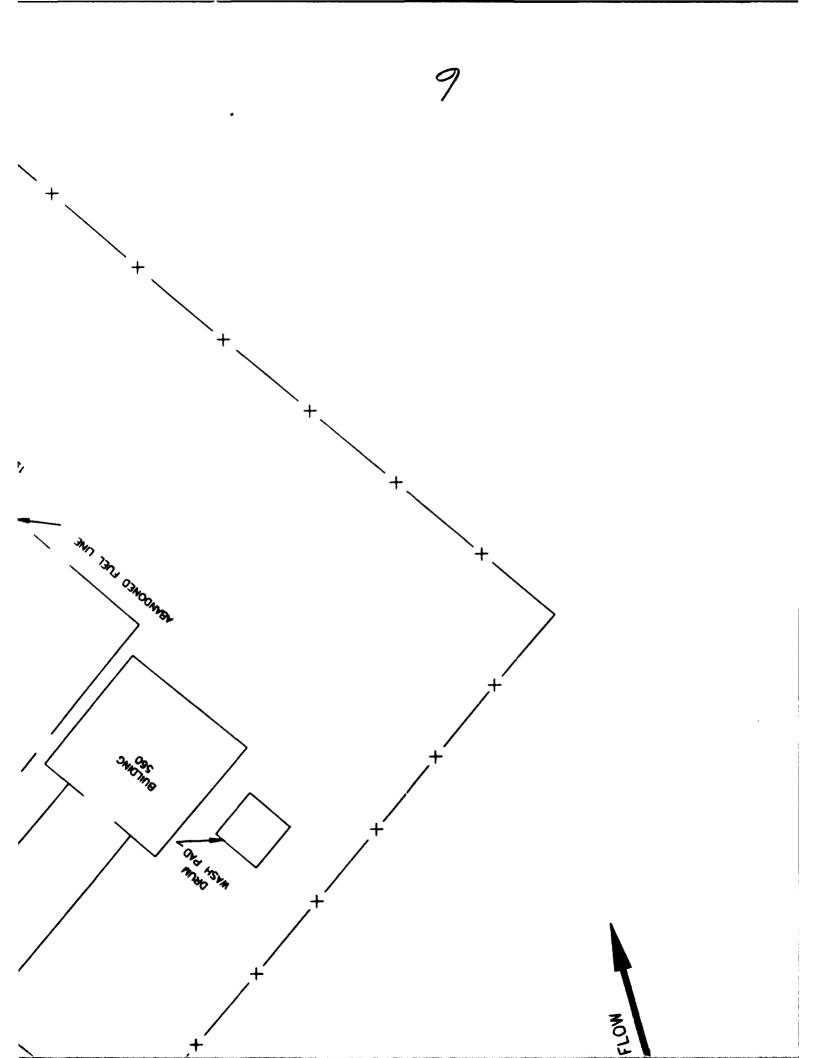
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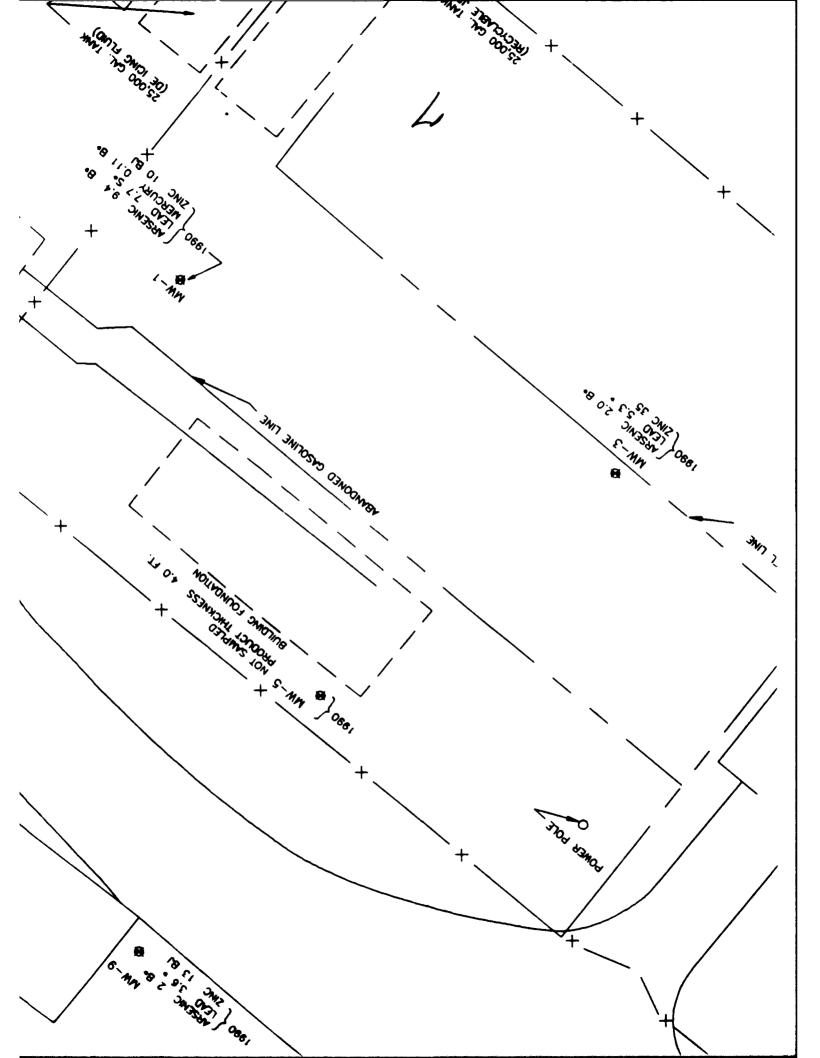
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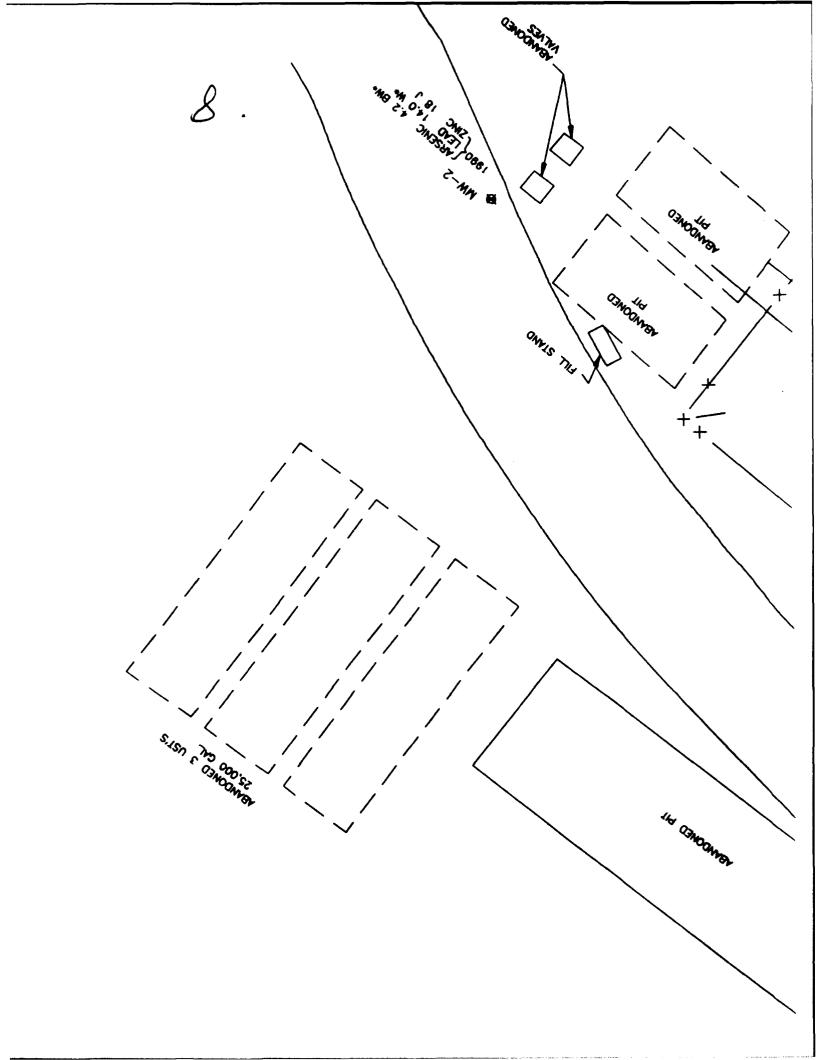
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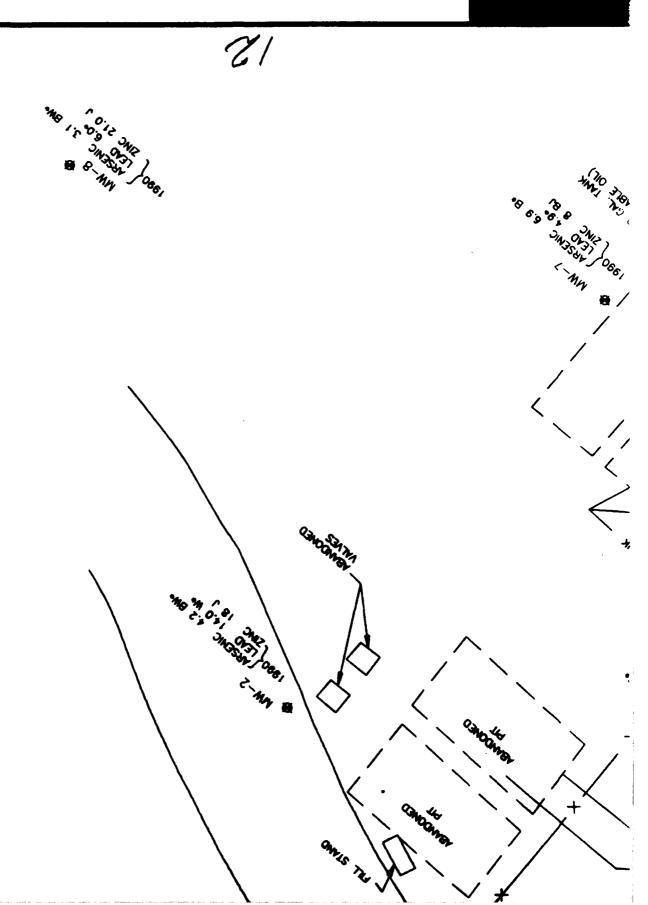
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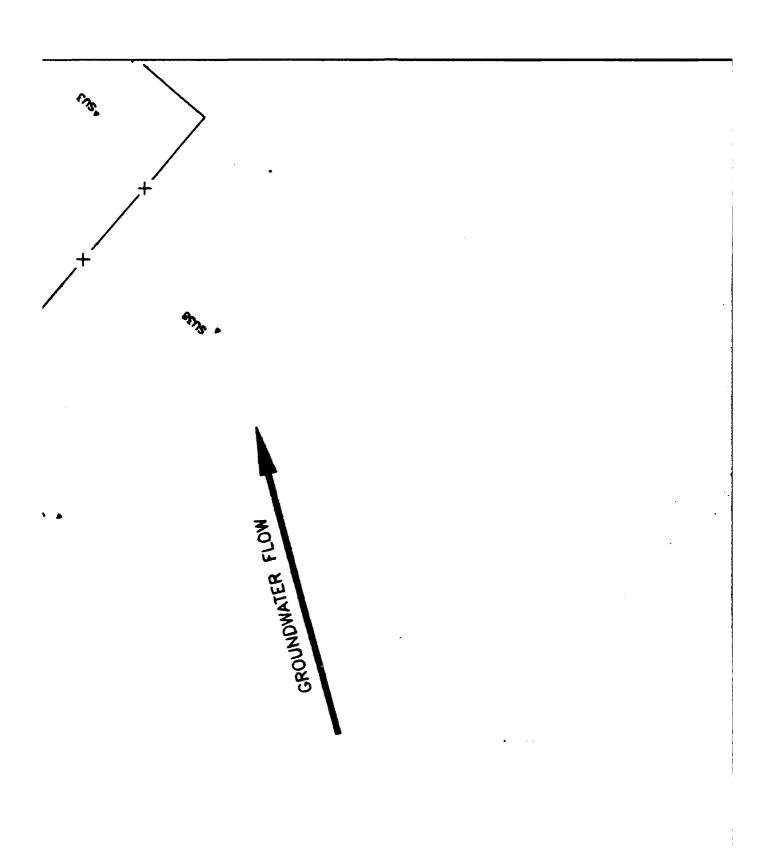


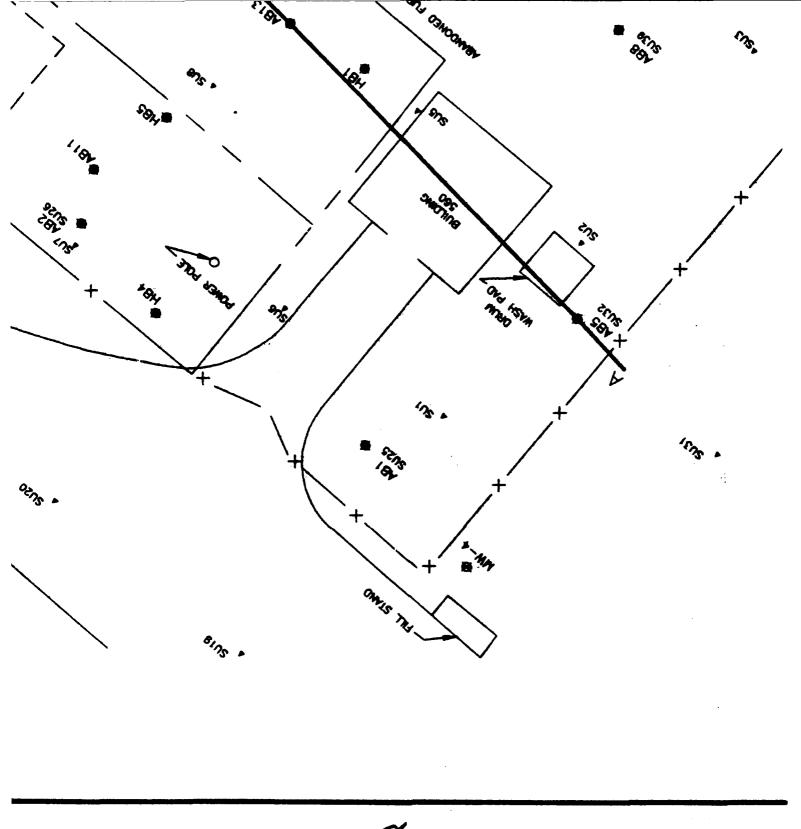


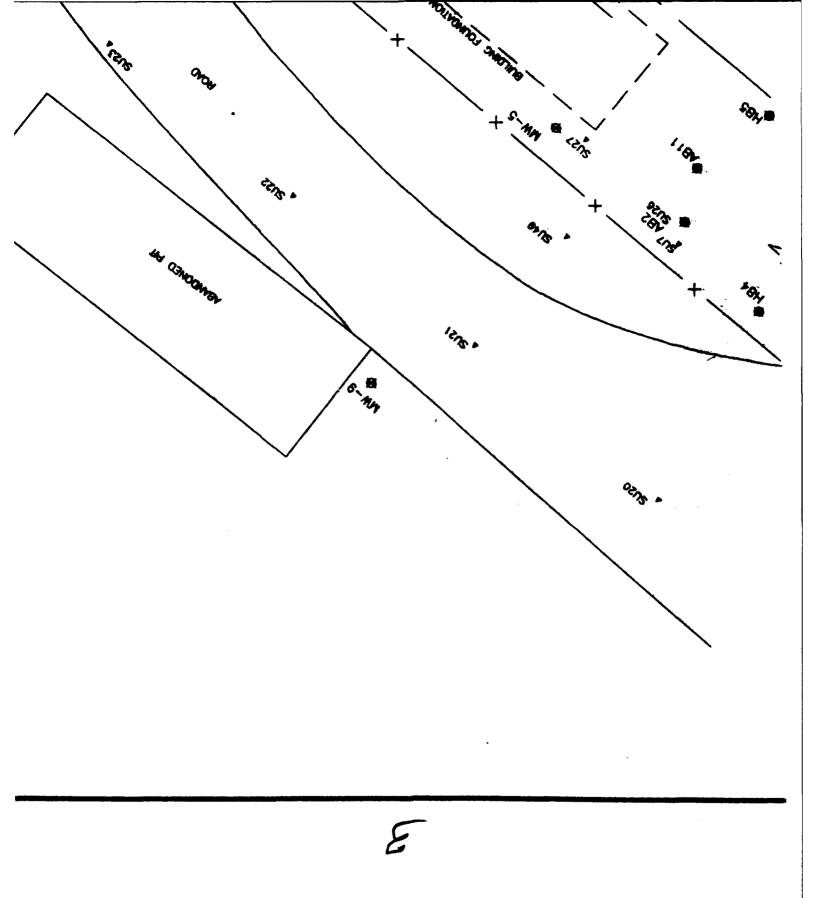
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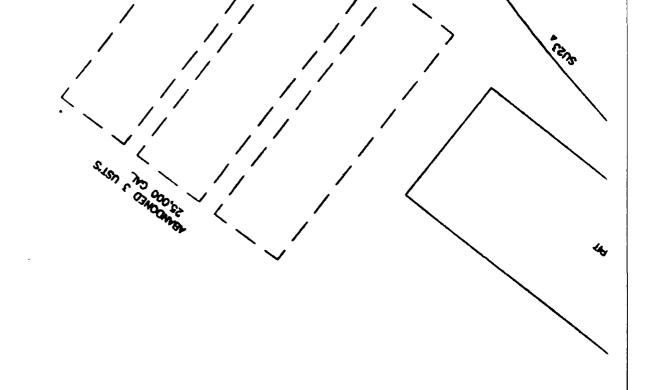
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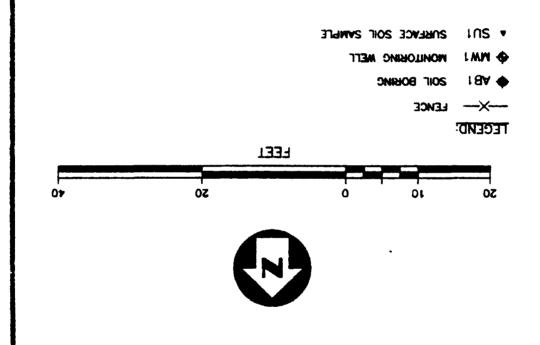
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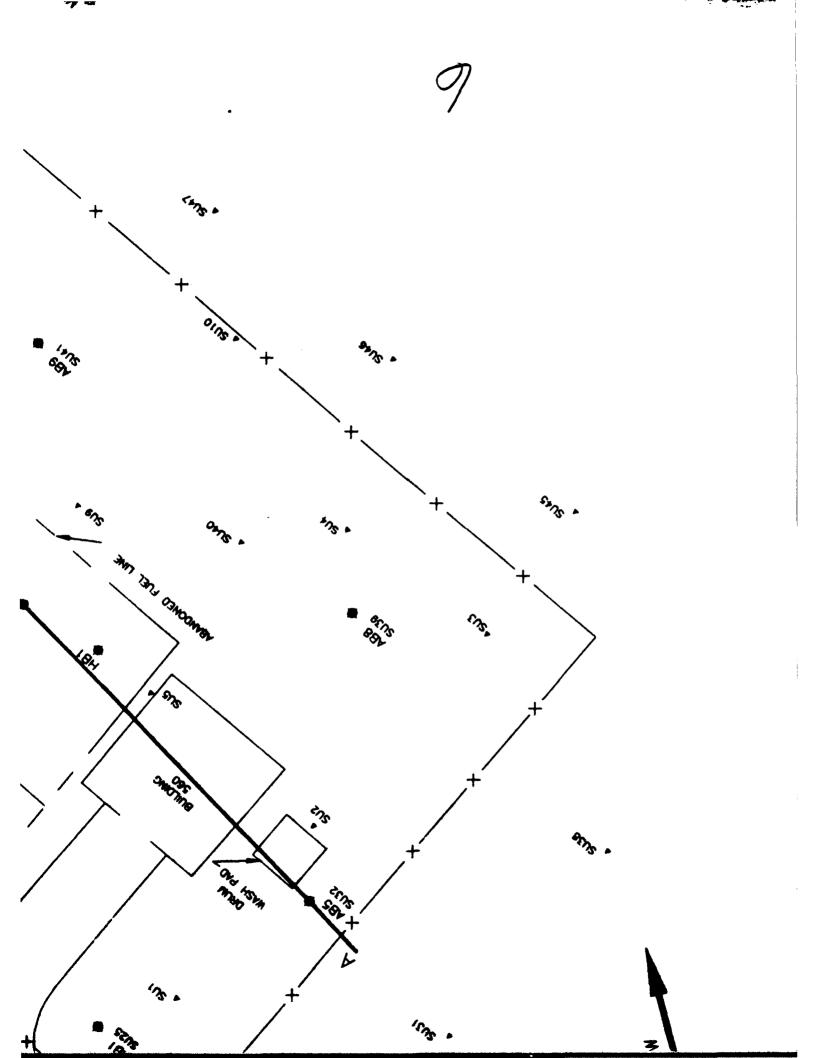


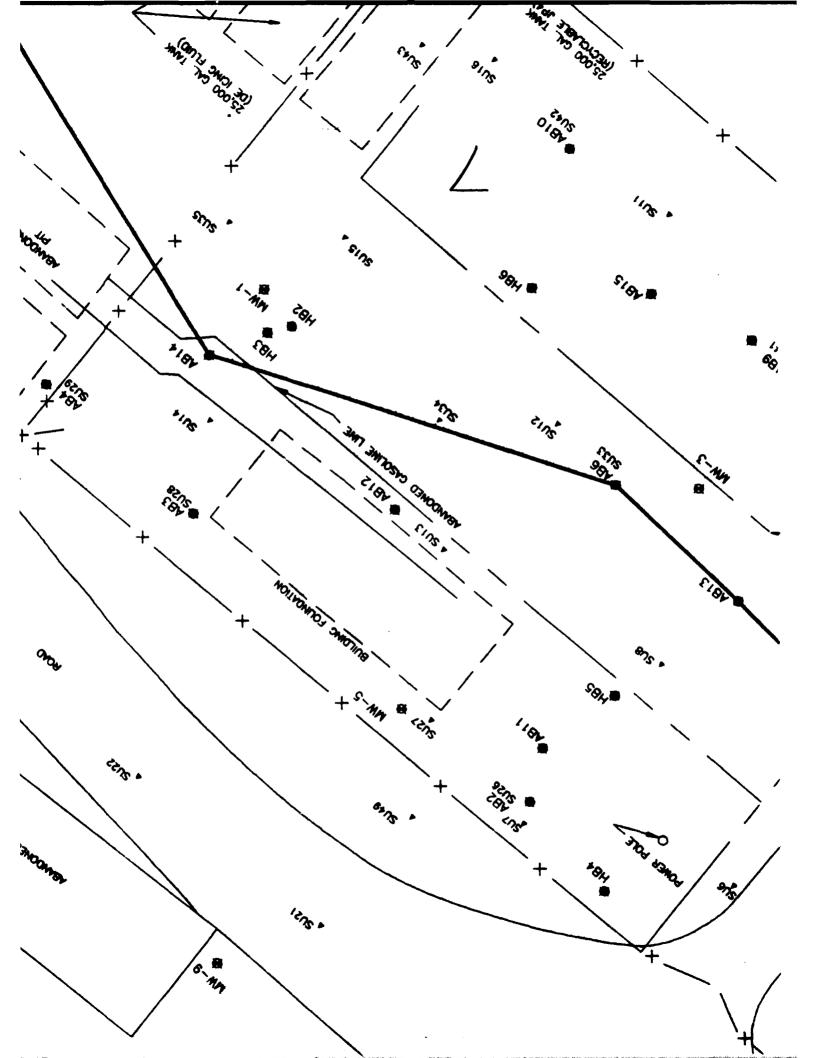


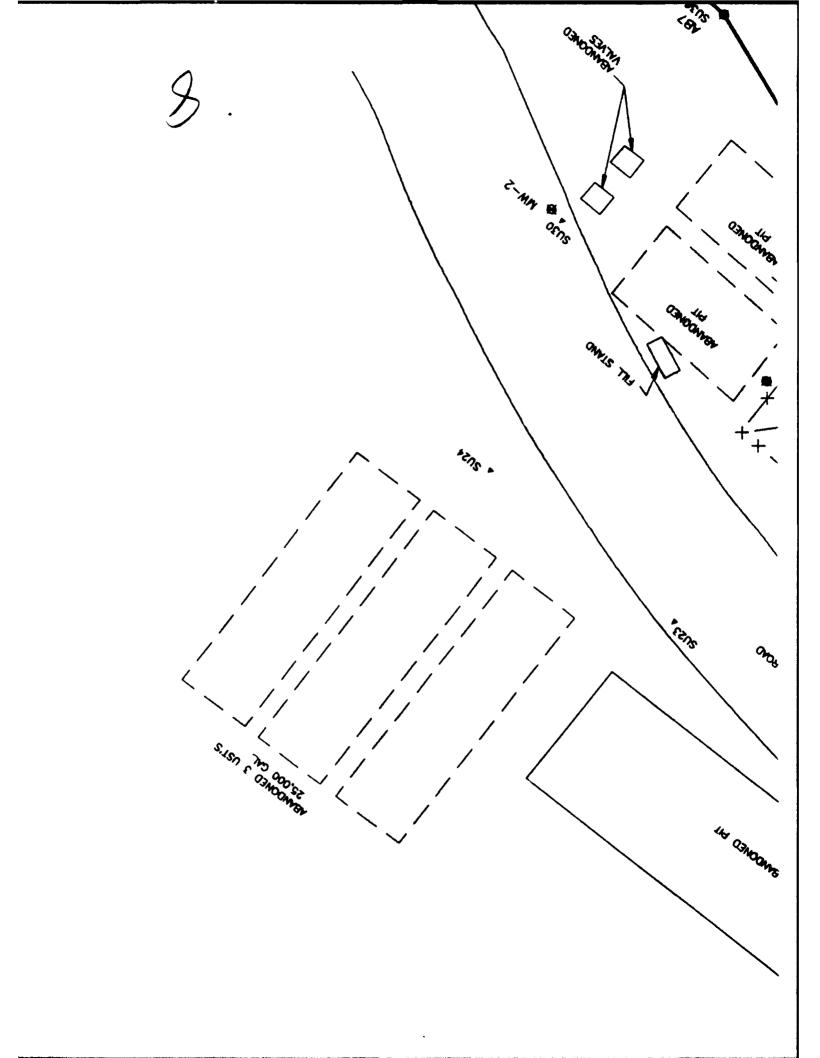












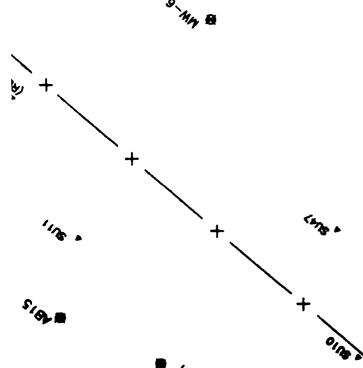
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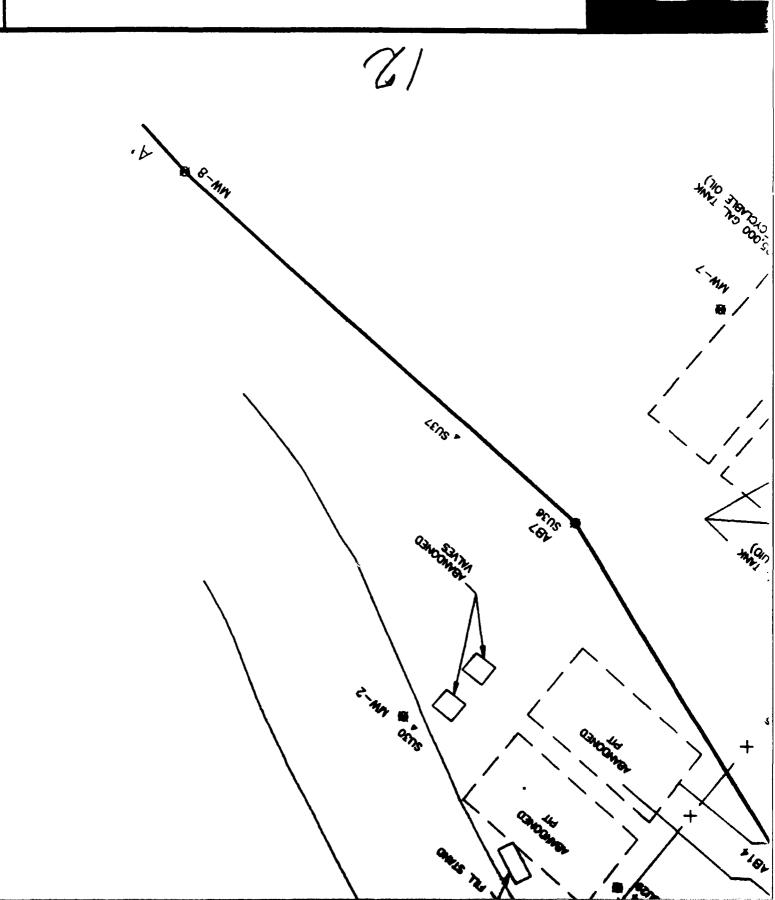
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